INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
We make Indiana a cleaner, healthier place to live.

Frank O'Bannon
Governor

Lori F. Kaplan
Commissioner

100 North Senate Avenue
P.O. Box 6015
Indianapolis, Indiana 46206-6015
(317) 232-8603
(800) 451-6027
www.in.gov/idem

September 2, 2003

TO: Interested Parties / Applicant

RE: Countrymark Cooperative, LLP / T057-16575-00008

FROM: Paul Dubenetzky
Chief, Permits Branch
Office of Air Quality

Notice of Decision: Approval – Effective Immediately

Please be advised that on behalf of the Commissioner of the Department of Environmental Management, I have issued a decision regarding the enclosed matter. Pursuant to IC 13-15-5-3, this permit is effective immediately, unless a petition for stay of effectiveness is filed and granted, and may be revoked or modified in accordance with the provisions of IC 13-15-7-1.

If you wish to challenge this decision, IC 4-21.5-3-7 and IC 13-15-6-1(b) or IC 13-15-6-1(a) require that you file a petition for administrative review. This petition may include a request for stay of effectiveness and must be submitted to the Office of Environmental Adjudication, ISTA Building, 150 W. Market Street, Suite 618, Indianapolis, IN 46204.

For an **initial Title V Operating Permit**, a petition for administrative review must be submitted to the Office of Environmental Adjudication within **thirty (30)** days from the receipt of this notice provided under IC 13-15-5-3, pursuant to IC 13-15-6-1(b).
For a **Title V Operating Permit renewal**, a petition for administrative review must be submitted to the Office of Environmental Adjudication within **fifteen (15)** days from the receipt of this notice provided under IC 13-15-5-3, pursuant to IC 13-15-6-1(a).

The filing of a petition for administrative review is complete on the earliest of the following dates that apply to the filing:
(1) the date the document is delivered to the Office of Environmental Adjudication (OEA);
(2) the date of the postmark on the envelope containing the document, if the document is mailed to OEA by U.S. mail; or
(3) The date on which the document is deposited with a private carrier, as shown by receipt issued by the carrier, if the document is sent to the OEA by private carrier.

The petition must include facts demonstrating that you are either the applicant, a person aggrieved or adversely affected by the decision or otherwise entitled to review by law. Please identify the permit, decision, or other order for which you seek review by permit number, name of the applicant, location, date of this notice and all of the following:
(1) the name and address of the person making the request;
(2) the interest of the person making the request;
(3) identification of any persons represented by the person making the request;
(4) the reasons, with particularity, for the request;
(5) the issues, with particularity, proposed for considerations at any hearing; and

(6) identification of the terms and conditions which, in the judgment of the person making the request, would be appropriate in the case in question to satisfy the requirements of the law governing documents of the type issued by the Commissioner.

Pursuant to 326 IAC 2-7-18(d), any person may petition the U.S. EPA to object to the issuance of an initial Title V operating permit, permit renewal, or modification within sixty (60) days of the end of the forty-five (45) day EPA review period. Such an objection must be based only on issues that were raised with reasonable specificity during the public comment period, unless the petitioner demonstrates that it was impractible to raise such issues, or if the grounds for such objection arose after the comment period.

To petition the U.S. EPA to object to the issuance of a Title V operating permit, contact:

U.S. Environmental Protection Agency
401 M Street
Washington, D.C. 20406

If you have technical questions regarding the enclosed documents, please contact the Office of Air Quality, Permits Branch at (317) 233-0178. Callers from within Indiana may call toll-free at 1-800-451-6027, ext. 3-0178.

Enclosures
FNTVOP.dot 8/22/03

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
We make Indiana a cleaner, healthier place to live.

Frank O'Bannon
Governor

Lori F. Kaplan
Commissioner

100 North Senate Avenue
P. O. Box 6015
Indianapolis, Indiana 46206-6015
(317) 232-8603
(800) 451-6027
www.IN.gov/idem

PART 70 OPERATING PERMIT RENEWAL
OFFICE OF AIR QUALITY

Countrymark Cooperative, LLP
17110 Mule Barn Road
Westfield, Indiana 46074

(herein known as the Permittee) is hereby authorized to operate subject to the conditions contained herein, the source described in Section A (Source Summary) of this permit.

This permit is issued in accordance with 326 IAC 2 and 40 CFR Part 70 Appendix A and contains the conditions and provisions specified in 326 IAC 2-7 as required by 42 U.S.C. 7401, et. seq. (Clean Air Act as amended by the 1990 Clean Air Act Amendments), 40 CFR Part 70.6, IC 13-15 and IC 13-17.

Operation Permit No.: T 057-16575-00008	
Issued by: Original signed by Janet McCabe Janet G. McCabe, Assistant Commissioner Office of Air Quality	Issuance Date: September 2, 2003 Expiration Date: September 2, 2008

TABLE OF CONTENTS

SECTION A SOURCE SUMMARY

This permit is based on information requested by the Indiana Department of Environmental Management (IDEM), Office of Air Quality (OAQ). The information describing the source contained in Conditions A.1 through A.3 is descriptive information and does not constitute enforceable conditions. However, the Permittee should be aware that a physical change or a change in the method of operation that may render this descriptive information obsolete or inaccurate may trigger requirements for the Permittee to obtain additional permits or seek modification of this permit pursuant to 326 IAC 2, or change other applicable requirements presented in the permit application.

A.1 General Information [326 IAC 2-7-4(c)] [326 IAC 2-7-5(15)] [326 IAC 2-7-1(22)]

The Permittee owns and operates a bulk storage and wholesale petroleum products distribution source, known as the Jolietville Terminal.

Responsible Official:	Vice President
Source Address:	17110 Mule Barn Road, Westfield, Indiana 46074
Mailing Address:	17110 Mule Barn Road, Westfield, Indiana 46074
General Source Phone:	812 - 838 - 8543
SIC Code:	5171
County Location:	Hamilton
Source Location Status:	Attainment for all criteria pollutants
Source Status:	Part 70 Permit Program Major Source, under PSD Rules; Minor Source, Section 112 of the Clean Air Act

A.2 Emission Units and Pollution Control Equipment Summary [326 IAC 2-7-4(c)(3)] [326 IAC 2-7-5(15)]

This stationary bulk storage and wholesale petroleum products distribution source consists of the following emission units and pollution control devices:

(a) One (1) submerged gasoline and distillate two (2) bay truck loading rack, installed in May 1979, identified as Loading Rack, equipped with a vapor recovery unit, consisting of two (2) carbon beds, originally installed in July 6, 1979, replaced in 2000, exhausted through Stack JVRU4 or JVRU5, throughput capacity: 46,200 gallons of gasoline and/or distillates per hour.

(b) One (1) storage tank, identified as Tank 69, installed in 1956, capacity: 84,400 gallons of ethanol.

(c) One (1) storage tank, identified as Tank 70, installed in 1953, capacity: 414,300 of gasoline or distillates.

(d) One (1) storage tank, identified as Tank 71, installed in 1953, capacity: 620,300 gallons of gasoline or distillates.

(e) One (1) storage tank, identified as Tank 72, vented to Tank 76, installed in 1953, capacity: 620,300 gallons of gasoline or distillates.

(f) One (1) storage tank, identified as Tank 73, vented to Tank 76, installed in 1953, capacity: 993,500 gallons of gasoline or distillates.

(g) Two (2) storage tanks, identified as Tanks 74 and 75, installed in 1953, capacity: 993,500 gallons of gasoline or distillates, each.

(h) One (1) storage tank, identified as Tank 76, installed in 1953, equipped with a vapor recovery, consisting of two (2) carbon beds, originally installed in 1979, replaced in 2000,

exhausted through Stack JVRU4 or JVRU5, capacity: 2,235,400 gallons of gasoline or distillates.

(i) Two (2) storage tanks, identified as Tanks 77 and 78, installed in 1953, capacity: 2,235,400 gallons of gasoline or distillates, each.

(j) Two (2) storage tanks, identified as Tanks 79 and 80, installed in 1956, capacity: 2,235,000 gallons of gasoline or distillates, each

(k) One (1) storage tank, identified as Tank 81, installed in 1958, capacity: 2,290,000 gallons of gasoline or distillates.

(l) One (1) storage tank, identified as Tank 82, installed in April 1978, capacity: 4,045,300 gallons of gasoline or distillates.

(m) One (1) storage tank, identified as Tank 83, installed in 1988, capacity: 8,200 gallons of additives.

(n) One (1) sump tank, identified as Sump, installed in 1953, capacity: 1,000 gallons.

(o) Two (2) storage tanks, identified as Tanks S1 and S2, installed in 1992, capacity: 2,900 gallons of gasoline or distillates, each.

(p) One (1) storage tank, identified as Tank S3, installed in 1992, capacity: 1,400 gallons of gasoline or distillates.

A.3 Specifically Regulated Insignificant Activities [326 IAC 2-7-1(21)] [326 IAC 2-7-4(c)] [326 IAC 2-7-5(15)]

This stationary bulk storage and wholesale petroleum products distribution source also includes the following insignificant activities which are specifically regulated, as defined in 326 IAC 2-7-1(21):

(a) Fuel oil-fired combustion sources with heat input equal to or less than two million (2,000,000) British thermal units per hour and firing fuel containing less than five-tenths (0.5) percent sulfur by weight, consisting of:

One (1) maintenance shop boiler, installed in 1953, rated at 0.588 million British thermal units per hour (326 IAC 6-2-3).

(b) Miscellaneous welding and cutting. (326 IAC 6-3-2)

A.4 Part 70 Permit Applicability [326 IAC 2-7-2]

This stationary bulk storage and wholesale petroleum products distribution source is required to have a Part 70 permit by 326 IAC 2-7-2 (Applicability) because:

(a) It is a major source, as defined in 326 IAC 2-7-1(22);

(b) It is a source in a source category designated by the United States Environmental Protection Agency (U.S. EPA) under 40 CFR 70.3 (Part 70 - Applicability).

SECTION B GENERAL CONDITIONS

B.1 Definitions [326 IAC 2-7-1]

Terms in this permit shall have the definition assigned to such terms in the referenced regulation. In the absence of definitions in the referenced regulation, the applicable definitions found in the statutes or regulations (IC 13-11, 326 IAC 1-2 and 326 IAC 2-7) shall prevail.

B.2 Permit Term [326 IAC 2-7-5(2)] [326 IAC 2-1.1-9.5]

This permit is issued for a fixed term of five (5) years from the issuance date of this permit, as determined in accordance with IC 4-21.5-3-5(f) and IC 13-15-5-3. Subsequent revisions, modifications, or amendments of this permit do not affect the expiration date.

B.3 Enforceability [326 IAC 2-7-7]

Unless otherwise stated, all terms and conditions in this permit, including any provisions designed to limit the source's potential to emit, are enforceable by IDEM, the United States Environmental Protection Agency (U.S. EPA) and by citizens in accordance with the Clean Air Act.

B.4 Termination of Right to Operate [326 IAC 2-7-10] [326 IAC 2-7-4(a)]

The Permittee's right to operate this source terminates with the expiration of this permit unless a timely and complete renewal application is submitted at least nine (9) months prior to the date of expiration of the source's existing permit, consistent with 326 IAC 2-7-3 and 326 IAC 2-7-4(a).

B.5 Severability [326 IAC 2-7-5(5)]

The provisions of this permit are severable; a determination that any portion of this permit is invalid shall not affect the validity of the remainder of the permit.

B.6 Property Rights or Exclusive Privilege [326 IAC 2-7-5(6)(D)]

This permit does not convey any property rights of any sort or any exclusive privilege.

B.7 Duty to Provide Information [326 IAC 2-7-5(6)(E)]

(a) The Permittee shall furnish to IDEM, OAQ, within a reasonable time, any information that IDEM, OAQ, may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit, or to determine compliance with this permit. The submittal by the Permittee does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34). Upon request, the Permittee shall also furnish to IDEM, OAQ, copies of records required to be kept by this permit.

(b) For information furnished by the Permittee to IDEM, OAQ, the Permittee may include a claim of confidentiality in accordance with 326 IAC 17.1. When furnishing copies of requested records directly to U. S. EPA, the Permittee may assert a claim of confidentiality in accordance with 40 CFR 2, Subpart B.

B.8 Compliance with Permit Conditions [326 IAC 2-7-5(6)(A)] [326 IAC 2-7-5(6)(B)]

(a) The Permittee must comply with all conditions of this permit. Noncompliance with any provisions of this permit is grounds for:

(1) Enforcement action;

(2) Permit termination, revocation and reissuance, or modification; or

(3) Denial of a permit renewal application.

(b) Noncompliance with any provision of this permit, except any provision specifically designated as not federally enforceable, constitutes a violation of the Clean Air Act.

(c) It shall not be a defense for the Permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit.

(d) An emergency does constitute an affirmative defense in an enforcement action provided the Permittee complies with the applicable requirements set forth in Section B, Emergency Provisions.

B.9 Certification [326 IAC 2-7-4(f)] [326 IAC 2-7-6(1)] [326 IAC 2-7-5(3)(C)]

(a) Where specifically designated by this permit or required by an applicable requirement, any application form, report, or compliance certification submitted shall contain certification by a responsible official of truth, accuracy, and completeness. This certification shall state that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.

(b) One (1) certification shall be included, using the attached Certification Form, with each submittal requiring certification.

(c) A responsible official is defined at 326 IAC 2-7-1(34).

B.10 Annual Compliance Certification [326 IAC 2-7-6(5)]

(a) The Permittee shall annually submit a compliance certification report which addresses the status of the source's compliance with the terms and conditions contained in this permit, including emission limitations, standards, or work practices. All certifications shall cover the time period from January 1 to December 31 of the previous year, and shall be submitted in letter form no later than July 1 of each year to:

Indiana Department of Environmental Management
Compliance Branch, Office of Air Quality
100 North Senate Avenue, P. O. Box 6015
Indianapolis, Indiana 46206-6015

and

United States Environmental Protection Agency, Region V
Air and Radiation Division, Air Enforcement Branch - Indiana (AE-17J)
77 West Jackson Boulevard
Chicago, Illinois 60604-3590

(b) The annual compliance certification report required by this permit shall be considered timely if the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAQ, on or before the date it is due.

(c) The annual compliance certification report shall include the following:

(1) The appropriate identification of each term or condition of this permit that is the basis of the certification;

(2) The compliance status;

(3) Whether compliance was continuous or intermittent;

(4) The methods used for determining the compliance status of the source, currently and over the reporting period consistent with 326 IAC 2-7-5(3); and

(5) Such other facts, as specified in Sections D of this permit, as IDEM, OAQ, may require to determine the compliance status of the source.

The submittal by the Permittee does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

B.11 Preventive Maintenance Plan [326 IAC 2-7-5(1),(3) and (13)] [326 IAC 2-7-6(1) and (6)] [326 IAC 1-6-3]

(a) If required by specific condition(s) in Section D of this permit, the Permittee shall maintain and implement Preventive Maintenance Plans (PMPs) including the following information on each facility:

(1) Identification of the individual(s) responsible for inspecting, maintaining, and repairing emission control devices;

(2) A description of the items or conditions that will be inspected and the inspection schedule for said items or conditions; and

(3) Identification and quantification of the replacement parts that will be maintained in inventory for quick replacement.

(b) The Permittee shall implement the PMPs including any required record keeping, as necessary to ensure that failure to implement a PMP does not cause or contribute to an exceedance of any limitation on emissions or potential to emit.

(c) A copy of the PMPs shall be submitted to IDEM, OAQ, upon request and within a reasonable time, and shall be subject to review and approval by IDEM, OAQ. IDEM, OAQ, may require the Permittee to revise its PMPs whenever lack of proper maintenance causes or is the primary contributor to an exceedance of any limitation on emissions or potential to emit. The PMP does not require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

(d) To the extent the Permittee is required by 40 CFR Part 60/63 to have an Operation, Maintenance, and Monitoring (OMM) Plan for a unit, such Plan is deemed to satisfy the PMP requirements of 326 IAC 1-6-3 for that unit.

B.12 Emergency Provisions [326 IAC 2-7-16]

(a) An emergency, as defined in 326 IAC 2-7-1(12), is not an affirmative defense for an action brought for noncompliance with a federal or state health-based emission limitation.

(b) An emergency, as defined in 326 IAC 2-7-1(12), constitutes an affirmative defense to an action brought for noncompliance with a technology-based emission limitation if the affirmative defense of an emergency is demonstrated through properly signed, contemporaneous operating logs or other relevant evidence that describe the following:

(1) An emergency occurred and the Permittee can, to the extent possible, identify the causes of the emergency;

(2) The permitted facility was at the time being properly operated;

(3) During the period of an emergency, the Permittee took all reasonable steps to minimize levels of emissions that exceeded the emission standards or other requirements in this permit;

(4) For each emergency lasting one (1) hour or more, the Permittee notified IDEM, OAQ, within four (4) daytime business hours after the beginning of the emergency, or after the emergency was discovered or reasonably should have been discovered;

Telephone Number: 1-800-451-6027 (ask for Office of Air Quality, Compliance Section), or
Telephone Number: 317-233-5674 (ask for Compliance Section)
Facsimile Number: 317-233-5967

(5) For each emergency lasting one (1) hour or more, the Permittee submitted the attached Emergency Occurrence Report Form or its equivalent, either by mail or facsimile to:

Indiana Department of Environmental Management
Compliance Branch, Office of Air Quality
100 North Senate Avenue, P. O. Box 6015
Indianapolis, Indiana 46206-6015

within two (2) working days of the time when emission limitations were exceeded due to the emergency.

The notice fulfills the requirement of 326 IAC 2-7-5(3)(C)(ii) and must contain the following:

(A) A description of the emergency;

(B) Any steps taken to mitigate the emissions; and

(C) Corrective actions taken.

The notification which shall be submitted by the Permittee does not require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

(6) The Permittee immediately took all reasonable steps to correct the emergency.

(c) In any enforcement proceeding, the Permittee seeking to establish the occurrence of an emergency has the burden of proof.

(d) This emergency provision supersedes 326 IAC 1-6 (Malfunctions). This permit condition is in addition to any emergency or upset provision contained in any applicable requirement.

(e) IDEM, OAQ, may require that the Preventive Maintenance Plans required under 326 IAC 2-7-4(c)(9) be revised in response to an emergency.

(f) Failure to notify IDEM, OAQ, by telephone or facsimile of an emergency lasting more than one (1) hour in accordance with (b)(4) and (5) of this condition shall constitute a violation of 326 IAC 2-7 and any other applicable rules.

(g) If the emergency situation causes a deviation from a technology-based limit, the Permittee may continue to operate the affected emitting facilities during the emergency provided the Permittee immediately takes all reasonable steps to correct the emergency and minimize emissions.

(h) Permittee shall include all emergencies in the Quarterly Deviation and Compliance Monitoring Report.

B.13 Permit Shield [326 IAC 2-7-15] [326 IAC 2-7-20] [326 IAC 2-7-12]

(a) Pursuant to 326 IAC 2-7-15, the Permittee has been granted a permit shield. The permit shield provides that compliance with the conditions of this permit shall be deemed in compliance with any applicable requirements as of the date of permit issuance, provided that either the applicable requirements are included and specifically identified in this permit or the permit contains an explicit determination or concise summary of a determination that other specifically identified requirements are not applicable. The Indiana statutes from IC 13 and rules from 326 IAC, referenced in conditions in this permit, are those applicable at the time the permit was issued. The issuance or possession of this permit shall not alone constitute a defense against an alleged violation of any law, regulation or standard, except for the requirement to obtain a Part 70 permit under 326 IAC 2-7 or for applicable requirements for which a permit shield has been granted.

This permit shield does not extend to applicable requirements which are promulgated after the date of issuance of this permit unless this permit has been modified to reflect such new requirements.

(b) If, after issuance of this permit, it is determined that the permit is in nonconformance with an applicable requirement that applied to the source on the date of permit issuance, IDEM, OAQ, shall immediately take steps to reopen and revise this permit and issue a compliance order to the Permittee to ensure expeditious compliance with the applicable requirement until the permit is reissued. The permit shield shall continue in effect so long as the Permittee is in compliance with the compliance order.

(c) No permit shield shall apply to any permit term or condition that is determined after issuance of this permit to have been based on erroneous information supplied in the permit application. Erroneous information means information that the Permittee knew to be false, or in the exercise of reasonable care should have been known to be false, at the time the information was submitted.

(d) Nothing in 326 IAC 2-7-15 or in this permit shall alter or affect the following:

(1) The provisions of Section 303 of the Clean Air Act (emergency orders), including the authority of the U.S. EPA under Section 303 of the Clean Air Act;

(2) The liability of the Permittee for any violation of applicable requirements prior to or at the time of this permit's issuance;

(3) The applicable requirements of the acid rain program, consistent with Section 408(a) of the Clean Air Act; and

(4) The ability of U.S. EPA to obtain information from the Permittee under Section 114 of the Clean Air Act.

(e) This permit shield is not applicable to any change made under 326 IAC 2-7-20(b)(2) (Sections 502(b)(10) of the Clean Air Act changes) and 326 IAC 2-7-20(c)(2) (trading based on State Implementation Plan (SIP) provisions).

(f) This permit shield is not applicable to modifications eligible for group processing until after IDEM, OAQ, has issued the modifications. [326 IAC 2-7-12(c)(7)]

(g) This permit shield is not applicable to minor Part 70 permit modifications until after IDEM, OAQ, has issued the modification. [326 IAC 2-7-12(b)(8)]

B.14 Prior Permits Superseded [326 IAC 2-1.1-9.5]

(a) All terms and conditions of previous permits issued pursuant to permitting programs approved into the state implementation plan have been either

(1) incorporated as originally stated,

(2) revised, or

(3) deleted

by this permit.

(b) All previous registrations and permits are superseded by this permit.

B.15 Deviations from Permit Requirements and Conditions [326 IAC 2-7-5(3)(C)(ii)]

(a) Deviations from any permit requirements (for emergencies see Section B - Emergency Provisions), the probable cause of such deviations, and any response steps or preventive measures taken shall be reported to:

Indiana Department of Environmental Management
Compliance Data Section, Office of Air Quality
100 North Senate Avenue, P.O. Box 6015
Indianapolis, Indiana 46206-6015

using the attached Quarterly Deviation and Compliance Monitoring Report, or its equivalent. A deviation required to be reported pursuant to an applicable requirement that exists independent of this permit, shall be reported according to the schedule stated in the applicable requirement and does not need to be included in this report.

The Quarterly Deviation and Compliance Monitoring Report does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

(b) A deviation is an exceedance of a permit limitation or a failure to comply with a requirement of the permit.

B.16 Permit Modification, Reopening, Revocation and Reissuance, or Termination [326 IAC 2-7-5(6)(C)] [326 IAC 2-7-8(a)] [326 IAC 2-7-9]

(a) This permit may be modified, reopened, revoked and reissued, or terminated for cause. The filing of a request by the Permittee for a Part 70 permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any condition of this permit. [326 IAC 2-7-5(6)(C)] The notification by the Permittee does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

(b) This permit shall be reopened and revised under any of the circumstances listed in IC 13-15-7-2 or if IDEM, OAQ, determines any of the following:

(1) That this permit contains a material mistake.

(2) That inaccurate statements were made in establishing the emissions standards or other terms or conditions.

(3) That this permit must be revised or revoked to assure compliance with an applicable requirement. [326 IAC 2-7-9(a)(3)]

(c) Proceedings by IDEM, OAQ, to reopen and revise this permit shall follow the same procedures as apply to initial permit issuance and shall affect only those parts of this permit for which cause to reopen exists. Such reopening and revision shall be made as expeditiously as practicable. [326 IAC 2-7-9(b)]

(d) The reopening and revision of this permit, under 326 IAC 2-7-9(a), shall not be initiated before notice of such intent is provided to the Permittee by IDEM, OAQ, at least thirty (30) days in advance of the date this permit is to be reopened, except that IDEM, OAQ, may provide a shorter time period in the case of an emergency. [326 IAC 2-7-9(c)]

B.17 Permit Renewal [326 IAC 2-7-4]

(a) The application for renewal shall be submitted using the application form or forms prescribed by IDEM, OAQ, and shall include the information specified in 326 IAC 2-7-4. Such information shall be included in the application for each emission unit at this source, except those emission units included on the trivial or insignificant activities list contained in 326 IAC 2-7-1(21) and 326 IAC 2-7-1(40). The renewal application does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

Request for renewal shall be submitted to:

Indiana Department of Environmental Management
Permits Branch, Office of Air Quality
100 North Senate Avenue, P.O. Box 6015
Indianapolis, Indiana 46206-6015

(b) Timely Submittal of Permit Renewal [326 IAC 2-7-4(a)(1)(D)]

(1) A timely renewal application is one that is:

(A) Submitted at least nine (9) months prior to the date of the expiration of this permit; and

(B) If the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAQ, on or before the date it is due.

(2) If IDEM, OAQ, upon receiving a timely and complete permit application, fails to issue or deny the permit renewal prior to the expiration date of this permit, this existing permit shall not expire and all terms and conditions shall continue in effect, including any permit shield provided in 326 IAC 2-7-15, until the renewal permit has been issued or denied.

(c) Right to Operate After Application for Renewal [326 IAC 2-7-3]
If the Permittee submits a timely and complete application for renewal of this permit, the source's failure to have a permit is not a violation of 326 IAC 2-7 until IDEM, OAQ, takes final action on the renewal application, except that this protection shall cease to apply if, subsequent to the completeness determination, the Permittee fails to submit by the deadline specified in writing by IDEM, OAQ, any additional information identified as being needed to process the application.

(d) United States Environmental Protection Agency Authority [326 IAC 2-7-8(e)]
If IDEM, OAQ, fails to act in a timely way on a Part 70 permit renewal, the U.S. EPA may invoke its authority under Section 505(e) of the Clean Air Act to terminate or revoke and reissue a Part 70 permit.

B.18 Permit Amendment or Modification [326 IAC 2-7-11] [326 IAC 2-7-12]

(a) Permit amendments and modifications are governed by the requirements of 326 IAC 2-7-11 or 326 IAC 2-7-12 whenever the Permittee seeks to amend or modify this permit.

(b) Any application requesting an amendment or modification of this permit shall be submitted to:

Indiana Department of Environmental Management
Permits Branch, Office of Air Quality
100 North Senate Avenue, P.O. Box 6015
Indianapolis, Indiana 46206-6015

Any such application shall be certified by the "responsible official" as defined by 326 IAC 2-7-1(34).

(c) The Permittee may implement administrative amendment changes addressed in the request for an administrative amendment immediately upon submittal of the request. [326 IAC 2-7-11(c)(3)]

(d) No permit amendment or modification is required for the addition, operation or removal of a nonroad engine, as defined in 40 CFR 89.2.

B.19 Permit Revision Under Economic Incentives and Other Programs [326 IAC 2-7-5(8)] [326 IAC 2-7-12 (b)(2)]

(a) No Part 70 permit revision shall be required under any approved economic incentives, marketable Part 70 permits, emissions trading, and other similar programs or processes for changes that are provided for in a Part 70 permit.

(b) Notwithstanding 326 IAC 2-7-12(b)(1) and 326 IAC 2-7-12(c)(1), minor Part 70 permit modification procedures may be used for Part 70 modifications involving the use of economic incentives, marketable Part 70 permits, emissions trading, and other similar approaches to the extent that such minor Part 70 permit modification procedures are explicitly provided for in the applicable State Implementation Plan (SIP) or in applicable requirements promulgated or approved by the U.S. EPA.

B.20 Operational Flexibility [326 IAC 2-7-20] [326 IAC 2-7-10.5]

(a) The Permittee may make any change or changes at the source that are described in 326 IAC 2-7-20(b), (c), or (e), without a prior permit revision, if each of the following conditions is met:

(1) The changes are not modifications under any provision of Title I of the Clean Air Act;

(2) Any preconstruction approval required by 326 IAC 2-7-10.5 has been obtained;

(3) The changes do not result in emissions which exceed the emissions allowable under this permit (whether expressed herein as a rate of emissions or in terms of total emissions);

(4) The Permittee notifies the:

Indiana Department of Environmental Management
Permits Branch, Office of Air Quality
100 North Senate Avenue, P. O. Box 6015
Indianapolis, Indiana 46206-6015

and

United States Environmental Protection Agency, Region V
Air and Radiation Division, Regulation Development Branch - Indiana (AR-18J)
77 West Jackson Boulevard
Chicago, Illinois 60604-3590

in advance of the change by written notification at least ten (10) days in advance of the proposed change. The Permittee shall attach every such notice to the Permittee's copy of this permit; and

(5) The Permittee maintains records on-site which document, on a rolling five (5) year basis, all such changes and emissions trading that are subject to 326 IAC 2-7-20(b), (c), or (e) and makes such records available, upon reasonable request, for public review.

Such records shall consist of all information required to be submitted to IDEM, OAQ, in the notices specified in 326 IAC 2-7-20(b)(1), (c)(1), and (e)(2).

(b) The Permittee may make Section 502(b)(10) of the Clean Air Act changes (this term is defined at 326 IAC 2-7-1(36)) without a permit revision, subject to the constraint of 326 IAC 2-7-20(a). For each such Section 502(b)(10) of the Clean Air Act change, the required written notification shall include the following:

(1) A brief description of the change within the source;

(2) The date on which the change will occur;

(3) Any change in emissions; and

(4) Any permit term or condition that is no longer applicable as a result of the change.

The notification which shall be submitted is not considered an application form, report or compliance certification. Therefore, the notification by the Permittee does not require the certification by the “responsible official” as defined by 326 IAC 2-7-1(34).

(c) Emission Trades [326 IAC 2-7-20(c)]
The Permittee may trade increases and decreases in emissions in the source, where the applicable SIP provides for such emission trades without requiring a permit revision, subject to the constraints of Section (a) of this condition and those in 326 IAC 2-7-20(c).

(d) Alternative Operating Scenarios [326 IAC 2-7-20(d)]
The Permittee may make changes at the source within the range of alternative operating scenarios that are described in the terms and conditions of this permit in accordance with 326 IAC 2-7-5(9). No prior notification of IDEM, OAQ, or U.S. EPA is required.

B.21 Source Modification Requirement [326 IAC 2-7-10.5]

A modification, construction, or reconstruction is governed by the requirements of 326 IAC 2 and 326 IAC 2-7-10.5.

B.22 Inspection and Entry [326 IAC 2-7-6] [IC 13-14-2-2] [IC 13-30-3-1]

Upon presentation of proper identification cards, credentials, and other documents as may be required by law, and subject to the Permittee’s right under all applicable laws and regulations to assert that the information collected by the agency is confidential and entitled to be treated as such, the Permittee shall allow IDEM, OAQ, U.S. EPA, or an authorized representative to perform the following:

(a) Enter upon the Permittee's premises where a Part 70 source is located, or emissions related activity is conducted, or where records must be kept under the conditions of this permit;

(b) As authorized by the Clean Air Act, IC 13-14-2-2, IC 13-17-3-2, and IC 13-30-3-1, have access to and copy any records that must be kept under the conditions of this permit;

(c) As authorized by the Clean Air Act, IC 13-14-2-2, IC 13-17-3-2, and IC 13-30-3-1, inspect any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under this permit;

(d) As authorized by the Clean Air Act, IC 13-14-2-2, IC 13-17-3-2, and IC 13-30-3-1, sample or monitor substances or parameters for the purpose of assuring compliance with this permit or applicable requirements; and

(e) Utilize any photographic, recording, testing, monitoring, or other equipment for the purpose of assuring compliance with this permit or applicable requirements.

B.23 Transfer of Ownership or Operational Control [326 IAC 2-7-11]

(a) The Permittee must comply with the requirements of 326 IAC 2-7-11 whenever the Permittee seeks to change the ownership or operational control of the source and no other change in the permit is necessary.

(b) Any application requesting a change in the ownership or operational control of the source shall contain a written agreement containing a specific date for transfer of permit responsibility, coverage and liability between the current and new Permittee. The application shall be submitted to:

Indiana Department of Environmental Management
Permits Branch, Office of Air Quality
100 North Senate Avenue, P.O. Box 6015
Indianapolis, Indiana 46206-6015

The application which shall be submitted by the Permittee does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

(c) The Permittee may implement administrative amendment changes addressed in the request for an administrative amendment immediately upon submittal of the request. [326 IAC 2-7-11(c)(3)]

B.24 Annual Fee Payment [326 IAC 2-7-19] [326 IAC 2-7-5(7)] [326 IAC 2-1.1-7]

(a) The Permittee shall pay annual fees to IDEM, OAQ, within thirty (30) calendar days of receipt of a billing. Pursuant to 326 IAC 2-7-19(b), if the Permittee does not receive a bill from IDEM, OAQ, the applicable fee is due April 1 of each year.

(b) Except as provided in 326 IAC 2-7-19(e), failure to pay may result in administrative enforcement action or revocation of this permit.

(c) The Permittee may call the following telephone numbers: 1-800-451-6027 or 317-233-4230 (ask for OAQ, I/M & Billing Section), to determine the appropriate permit fee.

SECTION C SOURCE OPERATION CONDITIONS

Entire Source

Emission Limitations and Standards [326 IAC 2-7-5(1)]

C.1 Particulate Emission Limitations For Processes with Process Weight Rates Less Than One Hundred (100) pounds per hour [40 CFR 52, Subpart P] [326 IAC 6-3-2]

(a) Pursuant to 40 CFR 52, Subpart P, particulate matter emissions from any process not already regulated by 326 IAC 6-1 or any New Source Performance Standard, and which has a maximum process weight rate less than 100 pounds per hour shall not exceed 0.551 pounds per hour.

(b) Pursuant to 326 IAC 6-3-2(e)(2), particulate emissions from any process not exempt under 326 IAC 6-3-1(b) or (c) which has a maximum process weight rate less than 100 pounds per hour and the methods in 326 IAC 6-3-2(b) through (d) do not apply shall not exceed 0.551 pounds per hour. This condition is not federally enforceable.

C.2 Opacity [326 IAC 5-1]

Pursuant to 326 IAC 5-1-2 (Opacity Limitations), except as provided in 326 IAC 5-1-3 (Temporary Alternative Opacity Limitations), opacity shall meet the following, unless otherwise stated in this permit:

(a) Opacity shall not exceed an average of forty percent (40%) in any one (1) six (6) minute averaging period as determined in 326 IAC 5-1-4.

(b) Opacity shall not exceed sixty percent (60%) for more than a cumulative total of fifteen (15) minutes (sixty (60) readings as measured according to 40 CFR 60, Appendix A, Method 9 or fifteen (15) one (1) minute nonoverlapping integrated averages for a continuous opacity monitor) in a six (6) hour period.

C.3 Open Burning [326 IAC 4-1] [IC 13-17-9]

The Permittee shall not open burn any material except as provided in 326 IAC 4-1-3, 326 IAC 4-1-4 or 326 IAC 4-1-6. The previous sentence notwithstanding, the Permittee may open burn in accordance with an open burning approval issued by the Commissioner under 326 IAC 4-1-4.1.

C.4 Incineration [326 IAC 4-2] [326 IAC 9-1-2]

The Permittee shall not operate an incinerator or incinerate any waste or refuse except as provided in 326 IAC 4-2 and 326 IAC 9-1-2.

C.5 Fugitive Dust Emissions [326 IAC 6-4]

The Permittee shall not allow fugitive dust to escape beyond the property line or boundaries of the property, right-of-way, or easement on which the source is located, in a manner that would violate 326 IAC 6-4 (Fugitive Dust Emissions).

C.6 Operation of Equipment [326 IAC 2-7-6(6)]

Except as otherwise provided by statute or rule, or in this permit, all air pollution control equipment listed in this permit and used to comply with an applicable requirement shall be operated at all times that the emission units vented to the control equipment are in operation.

C.7 Asbestos Abatement Projects [326 IAC 14-10] [326 IAC 18] [40 CFR 61, Subpart M]

(a) Notification requirements apply to each owner or operator. If the combined amount of regulated asbestos containing material (RACM) to be stripped, removed or disturbed is at least 260 linear feet on pipes or 160 square feet on other facility components, or at least thirty-five

(35) cubic feet on all facility components, then the notification requirements of 326 IAC 14-10-3 are mandatory. All demolition projects require notification whether or not asbestos is present.

(b) The Permittee shall ensure that a written notification is sent on a form provided by the Commissioner at least ten (10) working days before asbestos stripping or removal work or before demolition begins, per 326 IAC 14-10-3, and shall update such notice as necessary, including, but not limited to the following:

(1) When the amount of affected asbestos containing material increases or decreases by at least twenty percent (20%); or

(2) If there is a change in the following:

(A) Asbestos removal or demolition start date;

(B) Removal or demolition contractor; or

(C) Waste disposal site.

(c) The Permittee shall ensure that the notice is postmarked or delivered according to the guidelines set forth in 326 IAC 14-10-3(2).

(d) The notice to be submitted shall include the information enumerated in 326 IAC 14-10-3(3).

All required notifications shall be submitted to:

Indiana Department of Environmental Management
Asbestos Section, Office of Air Quality
100 North Senate Avenue, P.O. Box 6015
Indianapolis, Indiana 46206-6015

The notice shall include a signed certification from the owner or operator that the information provided in this notification is correct and that only Indiana licensed workers and project supervisors will be used to implement the asbestos removal project. The notifications do not require a certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

(e) Procedures for Asbestos Emission Control
The Permittee shall comply with the applicable emission control procedures in 326 IAC 14-10-4 and 40 CFR 61.145(c). Per 326 IAC 14-10-1, emission control requirements are applicable for any removal or disturbance of RACM greater than three (3) linear feet on pipes or three (3) square feet on any other facility components or a total of at least 0.75 cubic feet on all facility components.

(f) Demolition and renovation
The Permittee shall thoroughly inspect the affected facility or part of the facility where the demolition or renovation will occur for the presence of asbestos pursuant to 40 CFR 61.145(a).

(g) Indiana Accredited Asbestos Inspector
The Permittee shall comply with 326 IAC 14-10-1(a) that requires the owner or operator, prior to a renovation/demolition, to use an Indiana Accredited Asbestos Inspector to thoroughly inspect the affected portion of the facility for the presence of asbestos. The requirement to use an Indiana Accredited Asbestos inspector is not federally enforceable.

Testing Requirements [326 IAC 2-7-6(1)]

C.8 Performance Testing [326 IAC 3-6]

(a) All testing shall be performed according to the provisions of 326 IAC 3-6 (Source Sampling Procedures), except as provided elsewhere in this permit, utilizing any applicable procedures and analysis methods specified in 40 CFR 51, 40 CFR 60, 40 CFR 61, 40 CFR 63, 40 CFR 75, or other procedures approved by IDEM, OAQ.

A test protocol, except as provided elsewhere in this permit, shall be submitted to:

Indiana Department of Environmental Management
Compliance Data Section, Office of Air Quality
100 North Senate Avenue, P. O. Box 6015
Indianapolis, Indiana 46206-6015

no later than thirty-five (35) days prior to the intended test date. The protocol submitted by the Permittee does not require certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

(b) The Permittee shall notify IDEM, OAQ of the actual test date at least fourteen (14) days prior to the actual test date. The notification submitted by the Permittee does not require certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

(c) Pursuant to 326 IAC 3-6-4(b), all test reports must be received by IDEM, OAQ not later than forty-five (45) days after the completion of the testing. An extension may be granted by IDEM, OAQ, if the source submits to IDEM, OAQ, a reasonable written explanation not later than five (5) days prior to the end of the initial forty-five (45) day period.

Compliance Requirements [326 IAC 2-1.1-11]

C.9 Compliance Requirements [326 IAC 2-1.1-11]

The commissioner may require stack testing, monitoring, or reporting at any time to assure compliance with all applicable requirements by issuing an order under 326 IAC 2-1.1-11. Any monitoring or testing shall be performed in accordance with 326 IAC 3 or other methods approved by the commissioner or the U.S. EPA.

Compliance Monitoring Requirements [326 IAC 2-7-5(1)] [326 IAC 2-7-6(1)]

C.10 Compliance Monitoring [326 IAC 2-7-5(3)] [326 IAC 2-7-6(1)]

Unless otherwise specified in this permit, all monitoring and record keeping requirements not already legally required shall be implemented within ninety (90) days of permit issuance. If required by Section D, the Permittee shall be responsible for installing any necessary equipment and initiating any required monitoring related to that equipment. If due to circumstances beyond its control, that equipment cannot be installed and operated within ninety (90) days, the Permittee may extend the compliance schedule related to the equipment for an additional ninety (90) days provided the Permittee notifies:

Indiana Department of Environmental Management
Compliance Branch, Office of Air Quality
100 North Senate Avenue, P. O. Box 6015
Indianapolis, Indiana 46206-6015

in writing, prior to the end of the initial ninety (90) day compliance schedule, with full justification of the reasons for the inability to meet this date.

The notification which shall be submitted by the Permittee does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

Unless otherwise specified in the approval for the new emission unit(s), compliance monitoring for new emission units or emission units added through a source modification shall be implemented when operation begins.

C.11 Monitoring Methods [326 IAC 3] [40 CFR 60] [40 CFR 63]

Any monitoring or testing required by Section D of this permit shall be performed according to the provisions of 326 IAC 3, 40 CFR 60, Appendix A, 40 CFR 60 Appendix B, 40 CFR 63, or other approved methods as specified in this permit.

C.12 Pressure Gauge and Other Instrument Specifications [326 IAC 2-1.1-11] [326 IAC 2-7-5(3)] [326 IAC 2-7-6(1)]

(a) Whenever a condition in this permit requires the measurement of pressure drop across any part of the unit or its control device, the gauge employed shall have a scale such that the expected normal reading shall be no less than twenty percent (20%) of full scale and be accurate within plus or minus two percent (±2%) of full scale reading.

(b) Whenever a condition in this permit requires the measurement of a flow rate, the instrument employed shall have a scale such that the expected normal reading shall be no less than twenty percent (20%) of full scale and be accurate within plus or minus two percent (±2%) of full scale reading.

(c) The Preventive Maintenance Plan for the pH meter shall include calibration using known standards. The frequency of calibration shall be adjusted such that the typical error found at calibration is less than one pH point.

(d) The Permittee may request the IDEM, OAQ approve the use of a pressure gauge or other instrument that does not meet the above specifications provided the Permittee can demonstrate an alternative pressure gauge or other instrument specification will adequately ensure compliance with permit conditions requiring the measurement of pressure drop or other parameters.

Corrective Actions and Response Steps [326 IAC 2-7-5] [326 IAC 2-7-6]

C.13 Emergency Reduction Plans [326 IAC 1-5-2] [326 IAC 1-5-3]

Pursuant to 326 IAC 1-5-2 (Emergency Reduction Plans; Submission):

(a) The Permittee prepared and submitted written emergency reduction plans (ERPs) consistent with safe operating procedures on September 11, 1998.

(b) Upon direct notification by IDEM, OAQ, that a specific air pollution episode level is in effect, the Permittee shall immediately put into effect the actions stipulated in the approved ERP for the appropriate episode level. [326 IAC 1-5-3]

C.14 Risk Management Plan [326 IAC 2-7-5(12)] [40 CFR 68.215]

If a regulated substance, subject to 40 CFR 68, is present at a source in more than a threshold quantity, the source must comply with the applicable requirements of 40 CFR 68.

C.15 Compliance Response Plan - Preparation, Implementation, Records, and Reports [326 IAC 2-7-5] [326 IAC 2-7-6]

(a) The Permittee is required to prepare a Compliance Response Plan (CRP) for each compliance monitoring condition of this permit. A CRP shall be submitted to IDEM, OAQ upon request. The CRP shall be prepared within ninety (90) days after issuance of this permit by

the Permittee, supplemented from time to time by the Permittee, maintained on site, and comprised of:

(1) Reasonable response steps that may be implemented in the event that a response step is needed pursuant to the requirements of Section D of this permit; and an expected timeframe for taking reasonable response steps.

(2) If, at any time, the Permittee takes reasonable response steps that are not set forth in the Permittee's current Compliance Response Plan and the Permittee documents such response in accordance with subsection (e) below, the Permittee shall amend its Compliance Response Plan to include such response steps taken.

(b) For each compliance monitoring condition of this permit, reasonable response steps shall be taken when indicated by the provisions of that compliance monitoring condition as follows:

(1) Reasonable response steps shall be taken as set forth in the Permittee's current Compliance Response Plan; or

(2) If none of the reasonable response steps listed in the Compliance Response Plan is applicable or responsive to the excursion, the Permittee shall devise and implement additional response steps as expeditiously as practical. Taking such additional response steps shall not be considered a deviation from this permit so long as the Permittee documents such response steps in accordance with this condition.

(3) If the Permittee determines that additional response steps would necessitate that the emissions unit or control device be shut down, the IDEM, OAQ shall be promptly notified of the expected date of the shut down, the status of the applicable compliance monitoring parameter with respect to normal, and the results of the actions taken up to the time of notification.

(4) Failure to take reasonable response steps shall be considered a deviation from the permit.

(c) The Permittee is not required to take any further response steps for any of the following reasons:

(1) A false reading occurs due to the malfunction of the monitoring equipment and prompt action was taken to correct the monitoring equipment.

(2) The Permittee has determined that the compliance monitoring parameters established in the permit conditions are technically inappropriate, has previously submitted a request for a minor permit modification to the permit, and such request has not been denied.

(3) An automatic measurement was taken when the process was not operating.

(4) The process has already returned or is returning to operating within "normal" parameters and no response steps are required.

(d) When implementing reasonable steps in response to a compliance monitoring condition, if the Permittee determines that an exceedance of an emission limitation has occurred, the Permittee shall report such deviations pursuant to Section B-Deviations from Permit Requirements and Conditions.

(e) The Permittee shall record all instances when, in accordance with Section D, response steps are taken. In the event of an emergency, the provisions of 326 IAC 2-7-16 (Emergency Provisions) requiring prompt corrective action to mitigate emissions shall prevail.

(f) Except as otherwise provided by a rule or provided specifically in Section D, all monitoring as required in Section D shall be performed when the emission unit is operating, except for time necessary to perform quality assurance and maintenance activities.

C.16 Actions Related to Noncompliance Demonstrated by a Stack Test [326 IAC 2-7-5] [326 IAC 2-7-6]

(a) When the results of a stack test performed in conformance with Section C - Performance Testing, of this permit exceed the level specified in any condition of this permit, the Permittee shall take appropriate response actions. The Permittee shall submit a description of these response actions to IDEM, OAQ, within thirty (30) days of receipt of the test results. The Permittee shall take appropriate action to minimize excess emissions from the affected facility while the response actions are being implemented.

(b) A retest to demonstrate compliance shall be performed within one hundred twenty (120) days of receipt of the original test results. Should the Permittee demonstrate to IDEM, OAQ that retesting in one-hundred and twenty (120) days is not practicable, IDEM, OAQ may extend the retesting deadline.

(c) IDEM, OAQ reserves the authority to take any actions allowed under law in response to noncompliant stack tests.

The response action documents submitted pursuant to this condition do require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

Record Keeping and Reporting Requirements [326 IAC 2-7-5(3)] [326 IAC 2-7-19]

C.17 Emission Statement [326 IAC 2-7-5(3)(C)(iii)] [326 IAC 2-7-5(7)] [326 IAC 2-7-19(c)] [326 IAC 2-6]

(a) The Permittee shall submit an annual emission statement certified pursuant to the requirements of 326 IAC 2-6, that must be received by July 1 of each year and must comply with the minimum requirements specified in 326 IAC 2-6-4. The annual emission statement shall meet the following requirements:

(1) Indicate estimated actual emissions of criteria pollutants from the source, in compliance with 326 IAC 2-6 (Emission Reporting);

(2) Indicate estimated actual emissions of other regulated pollutants (as defined by 326 IAC 2-7-1(32)) ("Regulated pollutant which is used only for purposes of Section 19 of this rule") from the source, for purposes of Part 70 fee assessment.

(b) The annual emission statement covers the twelve (12) consecutive month time period starting January 1 and ending December 31. The annual emission statement must be submitted to:

Indiana Department of Environmental Management
Technical Support and Modeling Section, Office of Air Quality
100 North Senate Avenue, P. O. Box 6015
Indianapolis, Indiana 46206-6015

The emission statement does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

(c) The annual emission statement required by this permit shall be considered timely if the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAQ, on or before the date it is due.

C.18 General Record Keeping Requirements [326 IAC 2-7-5(3)] [326 IAC 2-7-6]

(a) Records of all required monitoring data, reports and support information required by this permit shall be retained for a period of at least five (5) years from the date of monitoring sample, measurement, report, or application. These records shall be physically present or electronically accessible at the source location for a minimum of three (3) years. The records may be stored elsewhere for the remaining two (2) years as long as they are available upon request. If the Commissioner makes a request for records to the Permittee, the Permittee shall furnish the records to the Commissioner within a reasonable time.

(b) Unless otherwise specified in this permit, all record keeping requirements not already legally required shall be implemented within ninety (90) days of permit issuance.

C.19 General Reporting Requirements [326 IAC 2-7-5(3)(C)] [326 IAC 2-1.1-11]

(a) The source shall submit the attached Quarterly Deviation and Compliance Monitoring Report or its equivalent. Any deviation from permit requirements, the date(s) of each deviation, the cause of the deviation, and the response steps taken must be reported. This report shall be submitted within thirty (30) days of the end of the reporting period. The Quarterly Deviation and Compliance Monitoring Report shall include the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

(b) The report required in (a) of this condition and reports required by conditions in Section D of this permit shall be submitted to:

Indiana Department of Environmental Management
Compliance Data Section, Office of Air Quality
100 North Senate Avenue, P. O. Box 6015
Indianapolis, Indiana 46206-6015

(c) Unless otherwise specified in this permit, any notice, report, or other submission required by this permit shall be considered timely if the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAQ, on or before the date it is due.

(d) Unless otherwise specified in this permit, all reports required in Section D of this permit shall be submitted within thirty (30) days of the end of the reporting period. All reports do require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

(e) Reporting periods are based on calendar years.

Stratospheric Ozone Protection

C.20 Compliance with 40 CFR 82 and 326 IAC 22-1

Pursuant to 40 CFR 82 (Protection of Stratospheric Ozone), Subpart F, except as provided for motor vehicle air conditioners in Subpart B, the Permittee shall comply with the standards for recycling and emissions reduction:

(a) Persons opening appliances for maintenance, service, repair, or disposal must comply with the required practices pursuant to 40 CFR 82.156.

(b) Equipment used during the maintenance, service, repair, or disposal of appliances must comply with the standards for recycling and recovery equipment pursuant to 40 CFR 82.158.

(c) Persons performing maintenance, service, repair, or disposal of appliances must be certified by an approved technician certification program pursuant to 40 CFR 82.161.

SECTION D.1 FACILITY OPERATION CONDITIONS

Facility Description [326 IAC 2-7-5(15)]: Loading Rack and Tanks

(a) One (1) submerged gasoline and distillate two (2) bay truck loading rack, installed in May 1979, identified as Loading Rack, equipped with a vapor recovery unit, consisting of two (2) carbon beds, originally installed in July 6, 1979, replaced in 2000, exhausted through Stack JVRU4 or JVRU5, throughput capacity: 46,200 gallons of gasoline and/or distillates per hour.

(b) One (1) storage tank, identified as Tank 69, installed in 1956, capacity: 84,400 gallons of ethanol.

(c) One (1) storage tank, identified as Tank 70, installed in 1953, capacity: 414,300 of gasoline or distillates.

(d) One (1) storage tank, identified as Tank 71, installed in 1953, capacity: 620,300 gallons of gasoline or distillates.

(e) One (1) storage tank, identified as Tank 72, vented to Tank 76, installed in 1953, capacity: 620,300 gallons of gasoline or distillates.

(f) One (1) storage tank, identified as Tank 73, vented to Tank 76, installed in 1953, capacity: 993,500 gallons of gasoline or distillates.

(g) Two (2) storage tanks, identified as Tanks 74 and 75, installed in 1953, capacity: 993,500 gallons of gasoline or distillates, each.

(h) One (1) storage tank, identified as Tank 76, installed in 1953, equipped with a vapor recovery, consisting of two (2) carbon beds, originally installed in 1979, replaced in 2000, exhausted through Stack JVRU4 or JVRU5, capacity: 2,235,400 gallons of gasoline or distillates.

(i) Two (2) storage tanks, identified as Tanks 77 and 78, installed in 1953, capacity: 2,235,400 gallons of gasoline or distillates, each.

(j) Two (2) storage tanks, identified as Tanks 79 and 80, installed in 1956, capacity: 2,235,000 gallons of gasoline or distillates, each

(k) One (1) storage tank, identified as Tank 81, installed in 1958, capacity: 2,290,000 gallons of gasoline or distillates.

(l) One (1) storage tank, identified as Tank 82, installed in April 1978, capacity: 4,045,300 gallons of gasoline or distillates.

(m) One (1) storage tank, identified as Tank 83, installed in 1988, capacity: 8,200 gallons of additives.

(n) One (1) sump tank, identified as Sump, installed in 1953, capacity: 1,000 gallons.

(o) Two (2) storage tanks, identified as Tanks S1 and S2, installed in 1992, capacity: 2,900 gallons of gasoline or distillates, each.

(p) One (1) storage tank, identified as Tank S3, installed in 1992, capacity: 1,400 gallons of gasoline or distillates.

(The information describing the process contained in this facility description box is descriptive information and does not constitute enforceable conditions.)

Emission Limitations and Standards [326 IAC 2-7-5(1)]

D.1.1 General Provisions Relating to NSPS [326 IAC 12-1][40 CFR Part 60, Subpart A]

The provisions of 40 CFR Part 60, Subpart A - General Provisions, which are incorporated by reference in 326 IAC 12-1, apply to Tank 82, except when otherwise specified in 40 CFR Part 60, Subpart Kb.

D.1.2 Hazardous Air Pollutants (HAPs) [40 CFR Part 63.1500 (Subpart R)]

The hazardous air pollutants emitted from the entire source shall be limited as follows to render the requirements of 40 CFR Part 63 Subpart R [National Emission Standards for Gasoline Distribution Facilities (Bulk Gasoline Terminals and Pipeline Breakout Stations)] not applicable:

(a) The input of gasoline to Tanks 72, 73 and 77 shall be limited to a total of 104,847,825 gallons per twelve (12) consecutive month period with compliance determined at the end of each month. This input of gasoline limits the total potential to emit from Tanks 72, 73 and 77 to a 20.48 tons per year for the combination of HAPs and to 5.87 tons per year for the worst case single HAP.

(b) Compliance with Condition D.1.2(a) limits the emissions of HAPs for the entire source to below the major source levels of ten (10) tons per year for any given individual HAP and twenty-five (25) tons per year for the combination of HAPs. Therefore, compliance with this limit renders the requirements of NESHAP, 40 CFR Part 63 Subpart R, not applicable to this source.

D.1.3 VOC Limits [326 IAC 2-2] [40 CFR 52.21] [326 IAC 8-1-6]

(a) The throughput of gasoline to the loading rack shall not exceed 320,000,000 gallons per twelve (12) consecutive month period with compliance determined at the end of each month, equivalent to less than forty (40) tons of VOC per year.

(b) The throughput of additives to the Tank 83 shall not exceed 7,974,860 gallons per twelve (12) consecutive month period with compliance determined at the end of each month, equivalent to less than forty (40) tons of VOC per year.

(c) Compliance with the limits in (a) and (b) renders the requirements of 326 IAC 2-2 and 40 CFR 52.21 not applicable.

(d) The throughput of additives to the Tank 83 shall not exceed 4,984,288 gallons per twelve (12) consecutive month period with compliance determined at the end of each month, equivalent to less than twenty-five (25) tons of VOC per year. Compliance with this limit renders the requirements of 326 IAC 8-1-6 not applicable.

D.1.4 Minimum Overall Control Efficiency [326 IAC 8-6]

The minimum overall (capture and destruction) control efficiency of the vapor recovery unit shall be at least ninety-five percent (95%) of the VOC emissions.

D.1.5 Compliance Assurance Monitoring (CAM) Plan [40 CFR 64]

A Compliance Assurance Monitoring (CAM) Plan, in accordance with 40 CFR 64, is required for the two (2) bay truck loading rack because the potential to emit VOC before controls is greater than one hundred (100) tons per year and the source is subject to the limitations contained in Conditions D.1.3(a) and D.1.4. The CAM plan for emissions from the two (2) bay truck loading rack was submitted on May 5, 2003 for the use of a vapor recovery unit (VRU) for VOC control with this emission unit in order to comply with Conditions D.1.3(a) and D.1.4. The CAM requirements in this Section represent the information provided in the CAM plan submitted.

D.1.6 Preventive Maintenance Plan [326 IAC 2-7-5(13)]

A Preventive Maintenance Plan, in accordance with Section B - Preventive Maintenance Plan, of this permit, is required for the loading rack, Tanks 72, 73, 76, 77 and 83 and any control devices.

Compliance Determination Requirements

D.1.7 Testing Requirements [326 IAC 2-7-6(1),(6)] [326 IAC 2-1.1-11]

By April 11, 2007 in order to demonstrate compliance with Condition D.1.4, the Permittee shall conduct a performance test to verify the minimum VOC control efficiency utilizing methods as approved by the Commissioner. This test shall be repeated at least once every five (5) years from the date of the most recent valid compliance demonstration. Testing shall be conducted in accordance with Section C - Performance Testing.

D.1.8 VOCs and HAPs [326 IAC 8-6] [40 CFR Part 63.1500 (Subpart R)]

The Permittee shall operate the vapor recovery unit serving the loading rack and Tank 76 at all times when gasoline is loaded through the loading rack and/or gasoline is being loaded to or unloaded from Tank 76 and to achieve compliance with Condition D.1.4. The vapor recovery unit satisfies the requirements of 326 IAC 8-6.

D.1.9 VOC and HAPs [326 IAC 8-1-4(a)(3)] [326 IAC 8-1-2(a)]

Compliance with the VOC and HAP usage limitations contained in Conditions D.1.2 and D.1.3 shall be determined pursuant to 326 IAC 8-1-4(a)(3) and 326 IAC 8-1-2(a) by preparing or obtaining from the manufacturer the copies of the “as supplied” and “as applied” VOC and HAP data sheets. IDEM, OAQ, reserves the authority to determine compliance using Method 24 in conjunction with the analytical procedures specified in 326 IAC 8-1-4

D.1.10 Monitoring

(a) Measure the monthly flow rate of gasoline, petroleum distillate and additives to the loading rack and storage tanks.

(b) Calibrate the flow meters on the loading rack at least once per quarter. The instrument used for determining the flow rate shall comply with Section C - Pressure Gauge and Other Instrument Specifications, of this permit, shall be subject to approval by IDEM, OAQ.

Compliance Monitoring Requirements [326 IAC 2-7-6(1)] [326 IAC 2-7-5(1)]

D.1.11 Broken or Failed Flow Gauge Detection

In the event that a flow meter failure has been observed, the affected compartments of the loading rack associated with that flow meter will be shut down immediately until the failed flow meter has been repaired or replaced. Operations may continue only if the event qualifies as an emergency and the Permittee satisfies the emergency provisions of this permit (Section B- Emergency Provisions). Within eight (8) business hours of the determination of failure, response steps according to the timetable described in the Compliance Response Plan shall be initiated. For any failure with corresponding response steps and timetable not described in the Compliance Response Plan, response steps shall be devised within eight (8) business hours of discovery of the failure and shall include a timetable for completion. Failure to take response steps in accordance with Section C - Compliance Response Plan - Preparation, Implementation, Records, and Reports, shall be considered a violation of this permit.

Compliance Assurance Monitoring Requirements

D.1.12 Monitoring Determination Method [40 CFR 64]

(a) The Permittee shall monitor the VRU control device parameters as follows:

(1) The VRU shall use an alarm system that indicates if:

(A) any of the process fluids (gasoline and glycol) are not at the proper levels,

(B) there is not sufficient vacuum on the system, or

(C) there is any interruption in the automatic cycle.

(2) In the event the VRU is not operating normally, the VRU shall shutdown and vapors produced at the loading rack shall be captured in Tank 76. The vertical travel of the Tank 76 variable vapor space roof shall be observed. If the vapor space is maintained below the full level, loading operation vapors shall be captured. No excess emissions shall occur at the VRU at any time.

(b) The Permittee shall perform the daily inspections and maintenance on the VRU on days when the loading rack is in operation. These inspections shall include, but are not limited to checking the following:

(1) Carbon beds for cycling from atmospheric pressure to vacuum;

(2) Sight glass levels for the absorber and separator;

(3) Normal flow on the rotometer feeding the vacuum pump;

(4) Unit for leaks; and

(5) Panel warning lights.

(c) The Permittee shall perform inspections on the vapor lines from the loading rack and Tank 76 during the terminal inspection using sight, smell, and hearing to detect any leakage once per shift.

(d) Additional inspections and preventive measures shall be performed as prescribed in the Preventive Maintenance Plan.

Record Keeping and Reporting Requirements [326 IAC 2-7-5(3)] [326 IAC 2-7-19]

D.1.13 Record Keeping Requirements

(a) To document compliance with Condition D.1.2 the Permittee shall maintain records at the source of the materials used that contain any HAPs. The records shall be complete and sufficient to establish compliance with the HAP usage limits and/or HAP emission limits established in Condition D.1.2. Records necessary to demonstrate compliance shall be available within thirty (30) days of the end of each compliance period. The records shall contain a minimum of the following:

(1) The amount and type of fuel delivered to Tanks 72, 73, and 77, monthly

(2) The amount and type of fuel throughput to Tanks 72, 73, and 77, monthly

(3) The HAP/VOC ratio of each fuel received;

(4) The weight of HAPs emitted for each compliance period, considering capture and control efficiency, if applicable; and

(b) To document compliance with Condition D.1.3, the Permittee shall record:

(1) The amount and type of fuel delivered to the loading rack, monthly

(2) The amount and type of additives throughput to Tank 83, monthly and

(3) The weight of VOCs emitted for each compliance period, considering capture and control efficiency, if applicable.

(c) To document compliance with Condition D.1.10, the Permittee shall maintain a log of the:

(1) Monthly flow rate of gasoline and petroleum distillate to the loading rack and storage tanks, and

(2) Calibrations of the flow meters on the loading rack and Tanks 72, 73, 77 and 83 at least once per quarter.

(d) Transfer documents shall be kept for all gasoline distributed to Clark or Floyd Counties between May 1 and September 15 of each year unless the gasoline is being dispensed into motor vehicles or purchased by a consumer at a retail or wholesale outlet. All compliant fuel shall be segregated from noncompliant fuel and labeled. Records shall be maintained for a minimum of two (2) years. These records shall accompany every shipment of gasoline after it has been dispensed by the refinery, and shall contain at minimum, the following:

(1) The date of all transfers.

(2) The volume of the gasoline that was transferred.

(3) The volume and percentage of ethanol if ethanol blended, with a date and location of blending.

(4) The location and time of transfer.

(5) A statement certifying that the gasoline has an RVP of seven and eight-tenths (7.8) pounds per square inch of less per gallon or is ethanol blended or is certified as RFG.

(e) The Permittee shall maintain records at the source sufficient to demonstrate compliance with NSPS Subpart K (40CFR Part 60.110) and 326 IAC 12 for Storage Tank 82, only.

D.1.14 Record Keeping Requirements [40 CFR 64]

To document compliance with Condition D.1.12, the Permittee shall maintain the following record keeping onsite pursuant to 40 CFR 64:

(a) A log of instances when the alarm system for the VRU sounds and the corrective actions that are taken.

(b) A log of instances when the VRU is shutdown because it is not operating normally and what corrective actions are taken as a result of that shutdown.

(c) Records of daily inspections performed on the VRU on days when the loading rack is in operation.

(d) Records of once per shift inspections on the vapor lines.

D.1.15 Reporting Requirements

A quarterly summary of the information to document compliance with Conditions D.1.2 and D.1.3 shall be submitted to the address listed in Section C - General Reporting Requirements, of this permit, using the reporting forms located at the end of this permit, or their equivalent, within thirty (30) days after the end of the quarter being reported. The report submitted by the Permittee does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

SECTION D.2 FACILITY OPERATION CONDITIONS

Facility Description [326 IAC 2-7-5(15)]: Insignificant Activities

(a) Fuel oil-fired combustion sources with heat input equal to or less than two million (2,000,000) British thermal units per hour and firing fuel containing less than five-tenths (0.5) percent sulfur by weight, consisting of:

One (1) maintenance shop boiler, installed in 1953, rated at 0.588 million British thermal units per hour (326 IAC 6-2-3).

(b) Miscellaneous welding and cutting (326 IAC 6-3-2).

(The information describing the process contained in this facility description box is descriptive information and does not constitute enforceable conditions.)

Emission Limitations and Standards [326 IAC 2-7-5(1)]

D.2.1 Particulate [326 IAC 6-2-3]

Pursuant to 326 IAC 6-2-3(d) (Particulate emission limitations for sources of indirect heating: emission limitations for facilities specified in 326 IAC 6-2-1(b)), PM emissions from all facilities used for indirect heating purposes which were existing and in operation on or before June 8, 1972, shall in no case exceed 0.8 pounds per million British thermal units heat input.

D.2.2 Particulate [326 IAC 6-3-2]

Pursuant to 326 IAC 6-3-2 (Particulate Emission Limitations for Manufacturing Processes), the allowable particulate emission rate from the miscellaneous welding and cutting shall not exceed the pounds per hour limitation when operating at a specified process weight rate calculated by:

Interpolation of the data for the process weight rate up to 60,000 pounds per hour shall be accomplished by use of the equation:

$E = 4.10\ P^{0.67}$ where E = rate of emission in pounds per hour; and
P = process weight rate in tons per hour

or

Interpolation and extrapolation of the data for the process weight rate in excess of 60,000 pounds per hour shall be accomplished by use of the equation:

$E = 55.0\ P^{0.11} - 40$ where E = rate of emission in pounds per hour; and
P = process weight rate in tons per hour

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY

PART 70 OPERATING PERMIT CERTIFICATION

Source Name: Countrymark Cooperative, LLP
Source Address: 17110 Mule Barn Road, Westfield, Indiana 46074
Mailing Address: 17110 Mule Barn Road, Westfield, Indiana 46074
Part 70 Permit No.: T 057-16575-00008

This certification shall be included when submitting monitoring, testing reports/results or other documents as required by this permit.

Please check what document is being certified:

9 Annual Compliance Certification Letter

9 Test Result (specify) _____

9 Report (specify) _____

9 Notification (specify) _____

9 Affidavit (specify) _____

9 Other (specify) _____

I certify that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.
Signature:
Printed Name:
Title/Position:
Phone:
Date:

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY

COMPLIANCE BRANCH
100 North Senate Avenue
P.O. Box 6015
Indianapolis, Indiana 46206-6015
Phone: 317-233-5674
Fax: 317-233-5967

PART 70 OPERATING PERMIT
EMERGENCY OCCURRENCE REPORT

Source Name: Countrymark Cooperative, LLP
Source Address: 17110 Mule Barn Road, Westfield, Indiana 46074
Mailing Address: 17110 Mule Barn Road, Westfield, Indiana 46074
Part 70 Permit No.: T 057-16575-00008

This form consists of 2 page **Page 1 of 2**

9 This is an emergency as defined in 326 IAC 2-7-1(12)

- The Permittee must notify the Office of Air Quality (OAQ), within four (**4**) business hours (1-800-451-6027 or 317-233-5674, ask for Compliance Section); and
- The Permittee must submit notice in writing or by facsimile within two (**2**) working days (Facsimile Number: 317-233-5967), and follow the other requirements of 326 IAC 2-7-16.

If any of the following are not applicable, mark N/A

Facility/Equipment/Operation:
Control Equipment:
Permit Condition or Operation Limitation in Permit:
Description of the Emergency:
Describe the cause of the Emergency:

If any of the following are not applicable, mark N/A **Page 2 of 2**

Date/Time Emergency started:
Date/Time Emergency was corrected:
Was the facility being properly operated at the time of the emergency? Y N Describe:
Type of Pollutants Emitted: TSP, PM-10, SO_2, VOC, NO_X, CO, Pb, other:
Estimated amount of pollutant(s) emitted during emergency:
Describe the steps taken to mitigate the problem:
Describe the corrective actions/response steps taken:
Describe the measures taken to minimize emissions:
If applicable, describe the reasons why continued operation of the facilities are necessary to prevent imminent injury to persons, severe damage to equipment, substantial loss of capital investment, or loss of product or raw materials of substantial economic value:

Form Completed by: _____

Title / Position: _____

Date: _____

Phone: _____

A certification is not required for this report.

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY
COMPLIANCE DATA SECTION

Part 70 Quarterly Report

Source Name: Countrymark Cooperative, LLP
Source Address: 17110 Mule Barn Road, Westfield, Indiana 46074
Mailing Address: 17110 Mule Barn Road, Westfield, Indiana 46074
Part 70 Permit No.: T 057-16575-00008
Facilities: Tanks 72, 73 and 77
Parameter: Gasoline Throughput
Limit: 104,847,825 gallons total per twelve (12) consecutive month period with compliance determined at the end of each month

YEAR: _____

Month	Gallons of Gasoline This Month	Gallons of Gasoline Previous 11 Months	Gallons of Gasoline 12 Month Total

9 No deviation occurred in this quarter.

9 Deviation/s occurred in this quarter.
Deviation has been reported on: _____

Submitted by: _____

Title / Position: _____

Signature: _____

Date: _____

Phone: _____

Attach a signed certification to complete this report.

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY
COMPLIANCE DATA SECTION

Part 70 Quarterly Report

Source Name: Countrymark Cooperative, LLP
Source Address: 17110 Mule Barn Road, Westfield, Indiana 46074
Mailing Address: 17110 Mule Barn Road, Westfield, Indiana 46074
Part 70 Permit No.: T 057-16575-00008
Facility: Loading Rack
Parameter: Gasoline Throughput
Limit: 320,000,000 gallons per twelve (12) consecutive month period with compliance determined at the end of each month

YEAR: _____

Month	Gallons of Gasoline This Month	Gallons of Gasoline Previous 11 Months	Gallons of Gasoline 12 Month Total

9 No deviation occurred in this quarter.

9 Deviation/s occurred in this quarter.
Deviation has been reported on: _____

Submitted by: _____

Title / Position: _____

Signature: _____

Date: _____

Phone: _____

Attach a signed certification to complete this report.

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY
COMPLIANCE DATA SECTION

Part 70 Quarterly Report

Source Name: Countrymark Cooperative, LLP
Source Address: 17110 Mule Barn Road, Westfield, Indiana 46074
Mailing Address: 17110 Mule Barn Road, Westfield, Indiana 46074
Part 70 Permit No.: T 057-16575-00008
Facility: Tank 83
Parameter: Throughput of Additives
Limits: 7,974,860 gallons per twelve (12) consecutive month period with compliance determined at the end of each month to render the requirements of 326 IAC 2-2 not applicable.
4,984,288 gallons per twelve (12) consecutive month period with compliance determined at the end of each month to render the requirements of 326 IAC 8-1-6 not applicable.

YEAR: _____

Month	Gallons of Additives	Gallons of Additives	Gallons of Additives
	This Month	Previous 11 Months	12 Month Total

9 No deviation occurred in this quarter.

9 Deviation/s occurred in this quarter.
Deviation has been reported on: _____

Submitted by: _____

Title / Position: _____

Signature: _____

Date: _____

Phone: _____

Attach a signed certification to complete this report.

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY
COMPLIANCE DATA SECTION

PART 70 OPERATING PERMIT
QUARTERLY DEVIATION AND COMPLIANCE MONITORING REPORT

Source Name: Countrymark Cooperative, LLP
Source Address: 17110 Mule Barn Road, Westfield, Indiana 46074
Mailing Address: 17110 Mule Barn Road, Westfield, Indiana 46074
Part 70 Permit No.: T 057-16575-00008

Months: _____ to _____ Year: _____

This report shall be submitted quarterly based on a calendar year. Any deviation from the requirements, the date(s) of each deviation, the probable cause of the deviation, and the response steps taken must be reported. Deviations that are required to be reported by an applicable requirement shall be reported according to the schedule stated in the applicable requirement and do not need to be included in this report. Additional pages may be attached if necessary. If no deviations occurred, please specify in the box marked "No deviations occurred this reporting period".

9 NO DEVIATIONS OCCURRED THIS REPORTING PERIOD.

9 THE FOLLOWING DEVIATIONS OCCURRED THIS REPORTING PERIOD

Permit Requirement (specify permit condition #)	
Date of Deviation:	**Duration of Deviation:**
Number of Deviations:	
Probable Cause of Deviation:	
Response Steps Taken:	

Permit Requirement (specify permit condition #)	
Date of Deviation:	**Duration of Deviation:**
Number of Deviations:	
Probable Cause of Deviation:	
Response Steps Taken:	

Page 2 of 2

Permit Requirement (specify permit condition #)	
Date of Deviation:	**Duration of Deviation:**
Number of Deviations:	
Probable Cause of Deviation:	
Response Steps Taken:	

Permit Requirement (specify permit condition #)	
Date of Deviation:	**Duration of Deviation:**
Number of Deviations:	
Probable Cause of Deviation:	
Response Steps Taken:	

Permit Requirement (specify permit condition #)	
Date of Deviation:	**Duration of Deviation:**
Number of Deviations:	
Probable Cause of Deviation:	
Response Steps Taken:	

Form Completed By: ____________________________________

Title/Position: ____________________________________

Date: ____________________________________

Phone: ____________________________________

Attach a signed certification to complete this report.

Indiana Department of Environmental Management
Office of Air Quality

Addendum to the
Technical Support Document for a Part 70 Operating Permit Renewal

Source Name: **Countrymark Cooperative, LLP**
Source Location: **17110 Mule Barn Road, Westfield, Indiana 46074**
County: **Hamilton**
SIC Code: **5171**
Operation Permit No.: **T 057-16575-00008**
Permit Reviewer: **Mark L. Kramer**

On July 11, 2003, the Office of Air Quality (OAQ) had a notice published in the Noblesville Daily Ledger, Noblesville, Indiana, stating that Countrymark Cooperative, LLP had applied for a Part 70 Operating Permit renewal to continue operate a bulk storage and wholesale petroleum products distribution source, known as the Jolietville Terminal. The notice also stated that OAQ proposed to issue a Part 70 Operating Permit renewal for this operation and provided information on how the public could review the proposed Part 70 Operating Permit renewal and other documentation. Finally, the notice informed interested parties that there was a period of thirty (30) days to provide comments on whether or not this Part 70 Operating Permit renewal should be issued as proposed.

On August 8, 2003, Pat Sorensen of Environmental Resources Management on behalf of Countrymark Cooperative, LLP submitted comments on the proposed Part 70 Operating Permit renewal. The comments are as follows: The permit language, if changed, has deleted language as ~~strikeouts~~ and new language **bolded.**

Comment 1:

Condition D.1.10(a) requires measurement of the daily flow rate of gasoline and petroleum distillate to the loading rack and storage tanks. The throughput limitations in D.1.2 and D.1.3 are based on a total volume basis, determined monthly, not on a daily flow rate basis. Please revise the condition to "Measure the monthly flow of gasoline and petroleum distillate to the loading rack and storage tanks."

Response 1:

IDEM, OAQ concurs that the flow rate of gasoline and petroleum distillate to the loading rack and storage tanks can be determined monthly because Conditions D.1.2 and D.1.3 limit the throughput on a monthly basis. Therefore, Condition D.1.10(a) has been changed as follows:

D.1.10 Monitoring

(a) Measure the **monthly** ~~daily~~ flow rate of gasoline, petroleum distillate and additives to the loading rack and storage tanks.

Comment 2:

Condition D.1.10(b) requires calibration of the loading rack flow meters at least once per month. Please revise the condition to loading rack flow meter calibration at least once per quarter. The facility performs daily inventory reconciliation of the incoming and outgoing meters. Any discrepancy in the daily inventory reconciliation prompts an investigation into the problem. If a loading rack meter is not operating properly, the meter is not used until repairs are made.

The procedure for the quarterly meter calibration is quite involved and utilizes a certified volume

vessel and prover loop built into the loading rack. To pass, the meter must be accurate to +/- 0.05%, which is much more stringent than the +/- 2% of full scale reading required in Condition C.12(b) of the Part 70 Permit. The flow meter used to measure the flow to Tanks 72, 73 and 77 is calibrated quarterly.

Response 2:

An inspector for IDEM, OAQ has recently duly noted that at another Countrymark Cooperative source that the calibration of the flow meters is time consuming. In light of the aforementioned reasons to revise the monthly calibration frequency to quarterly, IDEM, OAQ has revised Condition D.1.10(b) as follows:

D.1.10 Monitoring

(b) Calibrate the flow meters on the loading rack at least once per **quarter** ~~month~~. The instrument used for determining the flow rate shall comply with Section C - Pressure Gauge and Other Instrument Specifications, of this permit, shall be subject to approval by IDEM, OAQ.

Comment 3:

Condition D.1.13(c)(1) requires a log of the daily flow rate of gasoline and petroleum distillate to the loading rack and storage tanks to document compliance with Condition D.1.10. The throughput limitations of D.1.2 and D.1.3 are on a monthly basis. A record of the monthly amount an type of fuel delivered to the loading rack and monthly fuel throughput to storage tanks 72, 73 and 77 is already required in Condition D.1.13(a)(1) and (2). Please delete the requirement to record the daily flow rate in D.1.13(c)(1).

Condition D.1.13(c)(2) - Change monthly record keeping of loading rack meter calibration to quarterly to agree with Condition D.1.10(b). Also indicate that there are quarterly records for the meter calibration for Tanks 72, 73, 77 and 83.

Note Condition D.1.13(c) should reference D.1.10 instead of D.1.11.

Response 3:

Since Condition D.1.10(a) was revised from daily to monthly Conditions D.1.13(c)(1) can also be changed to monthly. In addition, the cross-reference to Condition D.1.10 has been corrected in Condition D.1.13(c) and the change from monthly to quarterly calibrations has been implemented in Condition D.1.13(c) as follows:

D.1.13 Record Keeping Requirements

(a) To document compliance with Condition D.1.2 the Permittee shall maintain records at the source of the materials used that contain any HAPs. The records shall be complete and sufficient to establish compliance with the HAP usage limits and/or HAP emission limits established in Condition D.1.2. Records necessary to demonstrate compliance shall be available within thirty (30) days of the end of each compliance period. The records shall contain a minimum of the following:

(1) The amount and type of fuel delivered to Tanks 72, 73, and 77, monthly

(2) The amount and type of fuel throughput to Tanks 72, 73, and 77, monthly

(3) The HAP/VOC ratio of each fuel received;

(4) The weight of HAPs emitted for each compliance period, considering capture and control efficiency, if applicable; and

(b) To document compliance with Condition D.1.3, the Permittee shall record:

(1) The amount and type of fuel delivered to the loading rack, monthly

(2) The amount and type of additives throughput to Tank 83, monthly and

(3) The weight of VOCs emitted for each compliance period, considering capture and control efficiency, if applicable.

(c) To document compliance with Condition **D.1.10** ~~D.1.11~~, the Permittee shall maintain a log of the:

(1) **Monthly** ~~Daily~~ flow rate of gasoline and petroleum distillate to the loading rack and storage tanks, and

(2) Calibrations of the flow meters on the loading rack and Tanks 72, 73, 77 and 83 at least once per **quarter** ~~month~~.

Indiana Department of Environmental Management
Office of Air Quality

Technical Support Document (TSD) for a Part 70 Operating Permit Renewal

Source Background and Description

Source Name:	**Countrymark Cooperative, LLP**
Source Location:	**17110 Mule Barn Road, Westfield, Indiana 46074**
County:	**Hamilton**
SIC Code:	**5171**
Operation Permit No.:	**T 057-16575-00008**
Permit Reviewer:	**Mark L. Kramer**

The Office of Air Quality (OAQ) has reviewed a Part 70 permit application from Countrymark Cooperative, LLP relating to the operation of a bulk storage and wholesale petroleum products distribution source, known as the Jolietville Terminal.

Permitted Emission Units and Pollution Control Equipment

The source consists of the following permitted emission units and pollution control devices:

(a) One (1) submerged gasoline and distillate two (2) bay truck loading rack, installed in May 1979, identified as Loading Rack, equipped with a vapor recovery unit, consisting of two (2) carbon beds, originally installed in July 6, 1979, replaced in 2000, exhausted through Stack JVRU4 or JVRU5, throughput capacity: 46,200 gallons of gasoline and/or distillates per hour.

(b) One (1) storage tank, identified as Tank 69, installed in 1956, capacity: 84,400 gallons of ethanol.

(c) One (1) storage tank, identified as Tank 70, installed in 1953, capacity: 414,300 of gasoline or distillates.

(d) One (1) storage tank, identified as Tank 71, installed in 1953, capacity: 620,300 gallons of gasoline or distillates.

(e) One (1) storage tank, identified as Tank 72, vented to Tank 76, installed in 1953, capacity: 620,300 gallons of gasoline or distillates.

(f) One (1) storage tank, identified as Tank 73, vented to Tank 76, installed in 1953, capacity: 993,500 gallons of gasoline or distillates.

(g) Two (2) storage tanks, identified as Tanks 74 and 75, installed in 1953, capacity: 993,500 gallons of gasoline or distillates, each.

(h) One (1) storage tank, identified as Tank 76, installed in 1953, equipped with a vapor recovery, consisting of two (2) carbon beds, originally installed in 1979, replaced in 2000, exhausted through Stack JVRU4 or JVRU5, capacity: 2,235,400 gallons of gasoline or distillates.

(i) Two (2) storage tanks, identified as Tanks 77 and 78, installed in 1953, capacity: 2,235,400 gallons of gasoline or distillates, each.

(j) Two (2) storage tanks, identified as Tanks 79 and 80, installed in 1956, capacity: 2,235,000 gallons of gasoline or distillates, each

(k) One (1) storage tank, identified as Tank 81, installed in 1958, capacity: 2,290,000 gallons of gasoline or distillates.

(l) One (1) storage tank, identified as Tank 82, installed in April 1978, capacity: 4,045,300 gallons of gasoline or distillates.

(m) One (1) storage tank, identified as Tank 83, installed in 1988, capacity: 8,200 gallons of additives.

(n) One (1) sump tank, identified as Sump, installed in 1953, capacity: 1,000 gallons.

(o) Two (2) storage tanks, identified as Tanks S1 and S2, installed in 1992, capacity: 2,900 gallons of gasoline or distillates, each.

(p) One (1) storage tank, identified as Tank S3, installed in 1992, capacity: 1,400 gallons of gasoline or distillates.

Unpermitted Emission Units and Pollution Control Equipment

There are no unpermitted facilities operating at this source during this review process.

New Emission Units and Pollution Control Equipment Receiving Advanced Source Modification Approval

There are no new facilities proposed at this source during this review process.

Insignificant Activities

The source also consists of the following insignificant activities, as defined in 326 IAC 2-7-1(21):

(a) Fuel oil-fired combustion sources with heat input equal to or less than two million (2,000,000) British thermal units per hour and firing fuel containing less than five-tenths (0.5) percent sulfur by weight, rated at a total of 3.318 million British thermal units per hour, consisting of:

(1) One (1) forced-air office heater, rated at 1.4 million British thermal units per hour,

(2) One (1) water heater, rated at 0.7 million British thermal units per hour,

(3) One (1) steam cleaner, rated at 0.63 million British thermal units per hour, and

(4) One (1) maintenance shop boiler, installed in 1953, rated at 0.588 million British thermal units per hour (326 IAC 6-2-3).

(b) Paved and unpaved roads and parking lots with public access.

(c) On-site fire and emergency response training approved by the department.

(d) Miscellaneous maintenance painting.

(e) Miscellaneous construction.

(f) Fugitives from pump seals, valves and flanges.

(g) Closed top solvent tank.

(h) Miscellaneous welding and cutting (326 IAC 6-3-2).

(i) A petroleum fuel, other than gasoline, dispensing facility, having a storage capacity of less than or equal to 10,500 gallons, and dispensing less than or equal to 230,000 gallons per month, including:

(1) One (1) maintenance tank, identified as Maintenance Fuel, capacity: 2,000 gallons of fuel oil.

(2) One (1) office fuel tank, identified as Office Fuel, capacity: 3,000 gallons of fuel oil.

(3) One (1) steamer tank, identified as Steamer Fuel, capacity: 2,000 gallons of fuel oil.

(j) The following VOC and HAP storage containers: Storage tanks with capacity less than or equal to 1,000 gallons and annual throughputs less than 12,000 gallons, including:

(1) One (1) kerosene tank, identified as Kerosene Use, capacity: 300 gallons of kerosene.

(2) One (1) recycled oil tank, identified as Recycle Oil, capacity: 500 gallons of fuel oil.

Existing Approvals

The source has been operating under the following previous approvals including:

T 057-7976-00008, issued on June 12, 1998.

All terms and conditions from previous approvals issued pursuant to the permitting programs approved into the State Implementation Plan have been either incorporated as originally stated, revised, or deleted by this permit. All previous approvals are superseded by this permit.

The following terms and conditions from previous approvals have been revised in this Part 70 permit:

T 057-7976-00008, issued on June 12, 1998.

Condition D.1.1:
The hazardous air pollutant emissions Tanks 72, 73 and 77 shall be limited as follows to make the requirements of 40CFR Part 63 Subpart R [National Emission Standards for Gasoline Distribution Facilities (Bulk Gasoline Terminals and Pipeline Breakout Stations)] not applicable.

The total input of gasoline to Tanks 72, 73 and 77 is limited to 96,318,158 gallons per consecutive twelve (12) monthly rolling period. This limitation is equivalent to both a potential to emit of 18.8 tons of combined HAPs and a greatest single HAP of 5.39 tons per

consecutive twelve (12) monthly rolling period.

Condition D.1.5(b)
The minimum control efficiency (capture and destruction) of the vapor recovery unit shall be at least 92 percent of the VOC emissions. The Compliance Response Plan for this unit shall contain troubleshooting contingency and response steps necessary to insure this minimum control efficiency.

Reason Revised:
Due to the change in the control efficiency of the loading rack vapor recovery unit from 92 to 95%, the throughput limit has been revised, as well as the equivalent HAPs limits for Tanks 72, 73 and 74.

Condition D.1.6:
Flow Gauge Notations - Daily flow notations of the gasoline loading rack flow gauges shall be performed during normal daylight operations. A trained employee shall record whether the flow rates are normal or abnormal. For processes operated continuously, "normal" means those conditions prevailing, or expected to prevail, eighty percent (80%) of the time the process is in operation, not counting startup or shut down time. In the case of batch or discontinuous operations, readings shall be taken during that part of the operation that would normally be expected to cause the greatest emissions. A trained employee is an employee who has worked at the plant at least one (1) month and has been trained in the range of flow rates for that specific process. The Compliance Response Plan for this unit shall contain troubleshooting contingency and response steps for when an abnormal flow rate is observed.

Condition D.1.7:
Broken Flow Gauge Detection - In the event that flow gauge failure has been observed: The affected compartments will be shut down immediately until the failed units have been repaired or replaced. Within eight (8) hours of the determination of failure, response steps according to the timetable described in the Compliance Response Plan shall be initiated. For any failure with corresponding response steps and timetable not described in the Compliance Response Plan, response steps shall be devised within eight (8) hours of discovery of the failure and shall include a timetable for completion.

Reason Revised: These conditions were more appropriate for compliance monitoring of the emission units and/or control devices that have gaseous rather than liquid flow rates. The operation of this bulk storage and wholesale petroleum products distribution source relies on liquid flow meters installed on the loading rack to measure the throughput, and therefore determine compliance with the throughput limits in the Part 70 Operating Permit. Thus, these two (2) conditions have been revised.

Enforcement Issue

There are no enforcement actions pending.

Recommendation

The staff recommends to the Commissioner that the Part 70 permit be approved. This recommendation is based on the following facts and conditions:

Unless otherwise stated, information used in this review was derived from the application and additional information submitted by the applicant.

An administratively complete Part 70 permit application for the purposes of this review was received on September 12, 2002. Additional information was received on February 26 as well as on March 7 and 12, 2003.

There was no notice of completeness letter mailed to the source.

Emission Calculations

See pages 1 through 10 of 10 of Appendix A of this document for detailed emissions calculations. The minimum control efficiency of the vapor recovery system stated in T 057-7976-00008, issued on June 12, 1998 was ninety-two percent (92%). Stack testing documented the control efficiency was 99.32%. The source has requested that the minimum control efficiency now be set at ninety-five percent (95%).

Unrestricted Potential Emissions

This table reflects the unrestricted potential emissions of the source, excluding the emission limits that were contained in the previous Part 70 Operating Permit.

Pollutant	**Unrestricted Potential Emissions** (tons/year)
PM	7
PM_{10}	6
SO_2	8
VOC	2,916
CO	4
NO_X	5

Note: For the purpose of determining Title V applicability for particulates, PM_{10}, not PM, is the regulated pollutant in consideration.

HAPs	**Unrestricted Potential Emissions** (tons/year)
Benzene	Greater than 10
Ethyl benzene	Less than 10
Hexane	Greater than 10
Toluene	Greater than 10
Xylenes	Greater than 10
2,2,4 Trimethylpentane	Less than 10
Naphthalene	Less than 10
TOTAL	Greater than 25

(a) The potential to emit (as defined in 326 IAC 2-1.1-1(16)) of volatile organic compounds (VOC) is equal to or greater than one hundred (100) tons per year. Therefore, the source is subject to the provisions of 326 IAC 2-7.

(b) The potential to emit (as defined in 326 IAC 2-1.1-1(16)) of any single HAP is equal to or greater than ten (10) tons per year and the potential to emit (as defined in 326 IAC 2-7-1(29)) of a combination HAPs is greater than or equal to twenty-five (25) tons per year. Therefore, the source is subject to the provisions of 326 IAC 2-7.

(c) Fugitive Emissions

Since this type of operation is one of the 28 listed source categories under 326 IAC 2-2, the fugitive emissions are counted toward determination of PSD and Emission Offset applicability.

Potential to Emit After Issuance

The table below summarizes the potential to emit, reflecting all limits, of the significant emission units after controls. The control equipment is considered federally enforceable only after issuance of this Part 70 Operating Permit.

	Limited Potential to Emit (tons/year)						
Process/facility	**PM**	**PM_{10}**	**SO_2**	**VOC**	**CO**	**NO_X**	**HAPs**
Loading Rack	-	-	-	Less Than 40.0	-	-	1.63 Combined 0.467 Single
Storage Tanks 72, 73 or 77	-	-	-	Less Than 503.3 Total	-	-	20.48 Combined 5.87 Single
Storage Tank 83 Not Worst Case Storage Tank, But Separate Limit	-	-	-	Less Than 25.0	-	-	Less Than 1.01 Combined 0.291 Single
All Remaining Storage Tanks	-	-	-	46.3	-	-	1.89 Combined 0.543 Single
Insignificant Activities	7	6	8	3	4	5	Negligible
Total Emissions	7	6	8	578	4	5	Less Than 24.0 Combined Less Than 10 Single

(a) The total throughput of gasoline to Tanks 72, 73 and 77 is limited to 104,847,825 gallons of gasoline per year. This limitation is equivalent to both a potential to emit of 20.48 tons of combined HAPs and a greatest single HAP of 5.87 tons per twelve (12) consecutive month period with compliance determined at the each month. Compliance with this throughput limits the emissions of HAPs for the entire source to below the major source

levels of ten (10) tons per year for any given individual HAP and twenty-five (25) tons per year for the combination of HAPs. Therefore, the requirements of Subpart R do not apply.

(b) The loading rack, installed in May 1979, (more than twelve (12) months after the installation of Tank 82) has a potential to emit VOC of 50.6 tons per year after controls. After controls with the limited throughput of 320,000,000 gallons of gasoline, the potential VOC from the loading rack equivalent to less than the PSD significance level of 40 tons of VOC per year. Therefore, the installation of the loading rack will remain a minor PSD modification.

(c) Tank 83, installed in 1988 will be limited to 7,974,860 gallons of additives so that standing and working VOC emissions do not exceed forty (40) tons per year and therefore this modification is also a minor PSD modification. But, in addition, the Permittee has agreed to limit the throughput of additives to Tank 83 to 4,984,288 gallons, equivalent to VOC emissions of less than twenty-five (25) tons per year in order to render the requirements of 326 IAC 8-1-6 not applicable to this tank.

Note that only the worst case storage tank is used for the total.

County Attainment Status

The source is located in Hamilton County.

Pollutant	Status
PM_{10}	attainment
SO_2	attainment
NO_2	attainment
Ozone	attainment
CO	attainment
Lead	attainment

(a) Volatile organic compounds (VOC) are precursors for the formation of ozone. Therefore, VOC emissions are considered when evaluating the rule applicability relating to the ozone standards. Hamilton County has been designated as attainment or unclassifiable for ozone. Therefore, VOC emissions were reviewed pursuant to the requirements for Prevention of Significant Deterioration (PSD), 326 IAC 2-2 and 40 CFR 52.21.

(b) Hamilton County has been classified as attainment or unclassifiable for all remaining criteria pollutants. Therefore, these emissions were reviewed pursuant to the requirements for Prevention of Significant Deterioration (PSD), 326 IAC 2-2 and 40 CFR 52.21.

(c) Fugitive Emissions

Since this type of operation is one of the 28 listed source categories under 326 IAC 2-2, the fugitive emissions are counted toward determination of PSD and Emission Offset applicability.

Part 70 Permit Conditions

This source is subject to the requirements of 326 IAC 2-7, pursuant to which the source has to meet the following:

(a) Emission limitations and standards, including those operational requirements and limitations that assure compliance with all applicable requirements at the time of issuance of Part 70 permits.

(b) Monitoring and related record keeping requirements which assume that all reasonable information is provided to evaluate continuous compliance with the applicable requirements.

Federal Rule Applicability

(a) This source is not subject to the requirements of New Source Performance Standards (326 IAC 12) (40 CFR 60.500 through 60.506, Subpart XX, Standards of Performance for Bulk Gasoline Terminals) because the truck loading rack had been constructed, reconstructed or modified before the rule applicability date of December 17, 1980.

(b) Storage Tanks 69 through 81 and Sump, are not subject to the requirements of New Source Performance Standards, 326 IAC 12, (40 CFR Parts 60. 110, 110a - 115a or 110b - 117b, Subparts K, Ka, and Kb, because all of these storage tanks were constructed between 1953 and 1958, prior to the earliest applicability date of June 11, 1973 for Subparts K, Ka or Kb.

(c) Storage Tank 82 constructed in April 1978 with a capacity of 4,045,300 gallons is subject to the record keeping requirement of Subpart K since it was constructed between June 11, 1973 and May 19, 1978. The Permittee will be required to keep records of its dimensions.

(d) Storage Tanks 83 and Storage Tanks S1 through S3, constructed in 1988 and 1992 are not subject to the requirements of Subpart Kb since their capacities are each less than 40 cubic meters (10,567 gallons). The Maintenance, Office Fuel, Steamer, Kerosene and Recycled Oil storage tanks with unknown construction dates are also not subject to Subparts K, Ka or Kb since each of their capacities are less than 40 cubic meters (10,567 gallons).

(e) This source is not subject to the requirements of the Gasoline Distribution NESHAP, 40 CFR Part 63, Subpart R, Gasoline Distribution. Countrymark Cooperative, Inc. has agreed to limit the input of gasoline to Tanks 72, 73 and 77 to a total of 104,847,825 gallons per twelve (12) consecutive month period with compliance determined at the end of each month. Compliance with this throughput limits the emissions of HAPs to below the major source levels of ten (10) tons per year for any given individual HAP and twenty-five (25) tons per year for the combination of HAPs for the entire source. Therefore, the requirements of Subpart R do not apply.

(f) The one (1) maintenance shop boiler, installed in 1953, rated at 0.588 million British thermal units per hour is not subject to the requirements of the New Source Performance Standards, 326 IAC 12, (40 CFR 60.40, 60.40a, 60.40b and 60.40c, Subpart D, Da, Db, and Dc), because the boiler was constructed prior to the earliest applicability date of August 17, 1971 of Subparts D, Da, Db and Dc.

Compliance Assurance Monitoring (CAM)

(a) The one (1) submerged gasoline and distillate two (2) bay truck loading rack, identified as Loading Rack, does involve a pollutant-specific emissions units as defined in 40 CFR 64.1 for volatile organic compounds:

(1) with the potential to emit before controls equal to or greater than the major source threshold for volatile organic compounds;

(2) that is subject to an emission limitation or standard for volatile organic compounds; and

(3) uses a control device as defined in 40 CFR 64.1 to comply with that emission limitation or standard.

Therefore, the requirements of 40 CFR Part 64, Compliance Assurance Monitoring, are applicable to this emission unit.

See the compliance assurance monitoring section of this document for compliance assurance monitoring requirements.

(b) Although Tank 76 does involve a pollutant-specific emissions unit as defined in 40 CFR 64.1 for volatile organic compounds with the potential to emit before controls equal to or greater than the major source threshold for volatile organic compounds it is not subject to an emission limitation or standard for volatile organic compounds or single HAP or combination of HAPs and it does not use a control device as defined in 40 CFR 64.1 to comply with that emission limitation or standard. Therefore, the requirements of 40 CFR 64, Compliance Assurance Monitoring, are not applicable to Tank 76.

(c) Although Tanks 72, 73,and 77 and 83 do involve a pollutant-specific emissions unit as defined in 40 CFR 64.1 for HAPs (Tanks 72, 73 and 77) or volatile organic compounds (Tank 83) with the potential to emit before controls equal to or greater than the major source threshold for HAPs or volatile organic compounds that are subject to an emission limitation or standard for volatile organic compounds or single HAP or combination of HAPs; none of these tanks use a control device as defined in 40 CFR 64.1 to comply with that emission limitation or standard. Therefore, the requirements of 40 CFR 64, Compliance Assurance Monitoring, are not applicable to Tanks 72, 73, 77 and 83.

(d) Tanks 69, 70, 71, 74, 75, 78, 79, 80, 81, 82, S1, S2, S3, Maintenance Fuel, Office Fuel, Cetane, Steamer Fuel, Kerosene Use, Sump and Recycle Oil each do not involve a pollutant-specific emissions units as defined in 40 CFR 64.1 for volatile organic compounds or HAPs:

(1) with the potential to emit before controls less than the major source threshold for volatile organic compounds and HAPs;

(2) that is not subject to an emission limitation or standard for volatile organic compounds or HAPs; and

(3) does not use a control device as defined in 40 CFR 64.1 to comply with that emission limitation or standard.

Therefore, the requirements of 40 CFR Part 64, Compliance Assurance Monitoring, are not applicable to these storage tanks.

Section 112j

The requirements of Section 112(j) of the Clean Air Act (40 CFR Part 63.50 through 63.56) are not applicable to this source because although the source is a major source of HAPs (i.e., the source has the potential to emit ten (10) tons per year or greater of a single HAP or twenty-five (25) tons per year or greater of a combination of HAPs) but the source does not include one (1) or more units that belong to one or more source categories affected by the Section 112(j) Maximum Achievable Control Technology (MACT) Hammer date of May 15, 2002.

State Rule Applicability - Entire Source

326 IAC 2-2 (Prevention of Significant Deterioration (PSD)

This is an existing major source pursuant to 326 IAC 2-2-1(y)(1)(Z) since the total storage capacity of this source exceeds 300,000 barrels (9,450,000 gallons) of petroleum products. Thus, this source is one of the twenty eight (28) major source categories and the potential to emit VOC exceeds one hundred (100) tons per year.

Construction of Tank 69, installed in 1956, Tank 70, installed in 1953, Tank 71, installed in 1953, Tank 72, vented to Tank 76, installed in 1953, Tank 73, vented to Tank 76, installed in 1953, Tanks 74 and 75, installed in 1953, Tank 76, installed in 1953, equipped with a vapor recovery system, originally installed on July 6, 1979, replaced in 2000, Tanks 77 and 78, installed in 1953, Tanks 79 and 80, installed in 1956, Tank 81, installed in 1958, and Sump, installed in 1953, all were constructed prior to August 7, 1977 and therefore, this source was not initially subject to the PSD requirements of 326 IAC 2-2 and 40 CFR 52.21.

The submerged gasoline and distillate truck loading rack, installed in May 1979, identified as Loading Rack, equipped with a vapor recovery unit, originally installed on July 6, 1979, replaced in 2000, Tank 82, installed in April 1978, Tank 83, installed in 1988, Tanks S1 and S2, installed in 1992, and Tank S3, installed in 1992, were all constructed after the August 7, 1977 PSD applicability date.

Tank 82, installed in April 1978, has a potential to emit VOC of 37.6 tons per year which is less than the PSD significance level of 40 tons of VOC per year. Therefore, the installation of the Tank 82 was a minor PSD modification.

The loading rack, installed in May 1979, (more than twelve (12) months after the installation of Tank 82) has a potential to emit VOC of 50.6 tons per year after controls. After controls with a limited throughput of 320,000,000 gallons of gasoline, the potential VOC from the loading rack is equivalent to less than the PSD significant level of 40 tons of VOC per year. Therefore, the installation of the loading rack will remain a minor PSD modification.

Tank 83, installed in 1988, has a potential to emit VOC of 117.9 tons per year. In order for this modification to be a minor PSD modification, the throughput of additives will be limited to 7,974,860 gallons of additives so that standing and working VOC emissions do not exceed a total of forty (40)

tons per year. Currently, the source has an actual throughput usage of approximately 20,000 gallons per year.

Tanks S1, S2, and S3, all constructed in 1992, have a potential to emit of 21.1, 0.127, and 0.237 tons per year for a total of 21.5 tons per year. Therefore, the installation of these three (3) tanks was also a minor PSD modification.

326 IAC 2-4.1-1 (New source toxics control)

Since the Permittee has not constructed or reconstructed a major source of hazardous air pollutants (HAP), as defined in 40 CFR 63.41, after July 27, 1997, this source is not subject to the requirements of this rule. This section does not apply to an owner or operator that has received all necessary permits for the construction or reconstruction before July 27, 1997. In addition, the entire source is a minor source for HAPs.

326 IAC 2-6 (Emission Reporting)

This source is subject to 326 IAC 2-6 (Emission Reporting), because it has the potential to emit more than one hundred (100) tons per year) of VOC in Hamilton County. Pursuant to this rule, the owner/operator of the source must annually submit an emission statement for the source. The annual statement must be received by July 1 of each year and contain the minimum requirements as specified in 326 IAC 2-6-4. The submittal should cover the period defined in 326 IAC 2-6-2(8) (Emission Statement Operating Year).

326 IAC 5-1 (Opacity Limitations)

Pursuant to 326 IAC 5-1-2 (Opacity Limitations), except as provided in 326 IAC 5-1-3 (Temporary alternative opacity limitations), opacity shall meet the following, unless otherwise stated in this permit:

(a) Opacity shall not exceed an average of forty percent (40%) any one (1) six (6) minute averaging period as determined in 326 IAC 5-1-4.

(b) Opacity shall not exceed sixty percent (60%) for more than a cumulative total of fifteen (15) minutes (sixty (60) readings as measured according to 40 CFR Part 60, Appendix A, Method 9 or fifteen (15) one (1) minute nonoverlapping integrated averages for a continuous opacity monitor) in a six (6) hour period.

326 IAC 13-3 (Control of Gasoline Reid Vapor Pressure)

Pursuant to this rule all gasoline distributed to Clark or Floyd Counties between May 1 and September 15 of each year, must meet the federal requirements of Reformulated Gas (RFG) that complies with seven and eight-tenths (7.8) pounds per square inch low Reid Vapor Pressure (RVP) gasoline, federal reformulated gasoline, or ethanol blended low RVP gasoline. Transfer documents are required as specified in 326 IAC 13-3-4 (Record keeping requirements).

State Rule Applicability - Individual Facilities

326 IAC 8-4-3 (Petroleum liquid storage facilities)

(a) This source is not subject to the requirements of 326 IAC 8-4-3 because the Storage Tanks 69 through 82 and Sump were all constructed prior to the applicability date of January 1, 1980.

(b) Storage Tanks 83 and S1 through S3 were constructed in 1988 and 1992. Their capacities are between 1,400 and 8,200 gallons and therefore are not subject to this rule since their capacities are each less than 39,000 gallons.

(c) Maintenance, Office Fuel, Steamer, Kerosene and Recycled Oil storage tanks with unknown construction dates having capacities of 2,000, 3,000, 1,000, 2,000, 300 and 500 gallons, respectively, and are also not subject to this rule since their capacities are each less than 39,000 gallons.

326 IAC 8-4-4 (Bulk gasoline terminals)

The loading rack at this source is not subject to the requirements of 326 IAC 8-4-4 since it was constructed in 1979, prior to the January 1, 1980 applicability date of this rule and the replacement of the vapor recovery unit does not qualify as reconstruction or modification.

326 IAC 8-4-5 (Petroleum sources gasoline plants)

The loading rack at this source is not subject to the requirements of 326 IAC 8-4-5 since it was constructed in 1979, prior to the January 1, 1980 applicability date of this rule.

326 IAC 8-4-6 (Petroleum sources: gasoline dispensing facilities)

The loading rack at this source is not subject to the requirements of 326 IAC 8-4-6 since it was constructed in 1979, prior to the July 1, 1989 applicability date of this rule.

326 IAC 8-1-6 (General provisions relating to VOC rules: general reduction requirements for new facilities)

Since no other Article 8 rules apply to the loading rack, constructed in 1979, and the storage tanks, identified as Tank 69 - 82 and Sump, all constructed prior to the January 1, 1980 applicability date of this rule, the requirements of 326 IAC 8-1-6 do not apply to each facility.

No other Article 8 rules apply to Tanks S1 - S3 constructed after the January 1, 1980 applicability date of this rule. The requirements of 326 IAC 8-1-6 do not apply to each tank because the potential to emit VOC from each tank is less than twenty-five (25) tons per year.

No other Article 8 rules apply to the storage tank, identified as Tank 83, constructed in 1988. Tank 83 has a potential to emit VOC of greater than twenty-five (25) tons per year. The source has agreed to limit the throughput of additives to this tank to 4,984,288 gallons per year, equivalent to a potential to emit VOC of less than twenty-five (25) tons per year. Compliance with this limit renders the requirements of 326 IAC 8-1-6 not applicable as well as the requirements of 326 IAC 2-2 not applicable.

326 IAC 8-6 (Organic solvent emission limitations)

The loading rack, installed in 1979 has a potential to emit more than one hundred (100) tons per year of VOC, and therefore is subject to the requirements of this rule. The vapor recovery unit (VRU) with an overall VOC destruction efficiency of ninety-five percent (95%) satisfies the requirement of this rule.

326 IAC 8-9 (Volatile Organic Liquid Storage Vessels)

This rule does not apply to any of the storage tanks located in Hamilton County since they are not located in Lake, Porter, Clark or Floyd Counties.

326 IAC 8 (Volatile Organic Compound Rules)

There are no other 326 IAC 8 rules that apply.

State Rules - Insignificant Activities

326 IAC 6-2-3 Emission limitations for facilities specified in 326 IAC 6-2-1(c)

Pursuant to 326 IAC 6-2-3, particulate emissions from the maintenance boiler, constructed in 1953, existing and in operation before September 21, 1983, shall be limited by the following equation:

$$Pt \text{ ' } \frac{C \times a \times h}{76.5 \times Q^{0.75} \times N^{0.25}}$$

Where :

C = Maximum ground level concentration with respect to distance from the point source at the "critical" wind speed for level terrain. This shall equal 50 micrograms per cubic meter (μ/m^3) for a period not to exceed a sixty (60) minute time period.

Pt = Pounds of particulate matter emitted per million Btu heat input (lb/mmBtu).

Q = Total source maximum operating capacity rating in million Btu per hour (mmBtu/hr) heat input. The maximum operating capacity rating is defined as the maximum capacity at which the facility is operated or the nameplate capacity, whichever is specified in the facility's operation permit application, except when some lower capacity is contained in the facility's operation permit; in which case, the capacity specified in the operation permit shall be used.

N = Number of stacks in fuel burning operation.

a = Plume rise factor which is used to make allowance for less than theoretical plume rise. The value 0.67 shall be used for Q less than or equal to 1,000 mmBtu/hr heat input. The value 0.8 shall be used for Q greater than 1,000 mmBtu/hr heat input.

h = Stack height in feet. If a number of stacks of different heights exist, the average stack height to represent "N" stacks shall be calculated by weighing each stack height with its particulate matter emission rate as follows:

Since the natural gas-fired boiler constructed in 1953 and rated at 0.588 has one (1) stack with a height of 20 feet, the above equation becomes:

$$Pt \text{ ' } \frac{50 \times 0.67 \times 18}{76.5 \times 0.588^{0.75} \times 1^{0.25}} = 11.7 \text{ lbs/mmBtu}$$

However, pursuant to 326 IAC 6-2-3(d), particulate emissions from all facilities used for indirect heating purposes which were existing and in operation on or before June 8, 1972, shall in no case exceed 0.8 pounds per million British thermal units heat input. Therefore, the maintenance boiler shall not exceed 0.8 pounds of PM per million British thermal units heat input.

326 IAC 6-3-2 (Particulate Emission Limitations for Manufacturing Processes)

(a) The allowable particulate emission rate from the miscellaneous welding and cutting shall not exceed the pounds per hour limitation when operating at a specified process weight rate calculated by:

Interpolation of the data for the process weight rate up to 60,000 pounds per hour shall be accomplished by use of the equation:

$E = 4.10\ P^{0.67}$ where E = rate of emission in pounds per hour; and
P = process weight rate in tons per hour

or

Interpolation and extrapolation of the data for the process weight rate in excess of 60,000 pounds per hour shall be accomplished by use of the equation:

$E = 55.0\ P^{0.11} - 40$ where E = rate of emission in pounds per hour; and
P = process weight rate in tons per hour

(b) The maintenance painting of the storage tanks is not subject to the requirements of this rule because the painting of storage tanks does not meet the definition of a surface coating manufacturing process as described in 326 IAC 6-3-2.

326 IAC 8-2-9 (Miscellaneous Metal Coating)

The maintenance painting of the storage tanks is not subject to the requirements of this rule because this standard industrial classification for this source (.5171) is not listed as an activity that would subject this source to this rule and the maintenance painting of the storage tanks does fit into any of the other activities cited in this rule.

Testing Requirements

(a) Past Stack Test

On April 11, 2002, the source conducted a stack test of the VOC control efficiency. The stack test verified compliance with the minimum 92% control for the vapor recovery unit for the two (2) bay gasoline rack with a stack tested value of 99.32%.

(b) Proposed Stack Test

By April 11, 2007, the source shall conduct a stack test of the vapor recovery unit for the two (2) bay gasoline rack to show compliance with the revised minimum control efficiency of 95%.

Compliance Requirements

Conditions D.1.6 and D.1.7 of T 057-7976-00008, issued on June 12, 1998, have been revised since these conditions were more appropriate for compliance monitoring of the emission units and/or control devices that have gaseous rather than liquid flow rates. The operation of this bulk storage and wholesale petroleum products distribution source relies on liquid flow meters installed on the loading rack to measure the throughput, and therefore determine compliance with the throughput limits in the Part 70 Operating Permit.

Permits issued under 326 IAC 2-7 are required to ensure that sources can demonstrate compliance with applicable state and federal rules on a more or less continuous basis. All state and federal rules contain compliance provisions, however, these provisions do not always fulfill the requirement for a more or less continuous demonstration. When this occurs IDEM, OAQ, in conjunction with the source, must develop specific conditions to satisfy 326 IAC 2-7-5. As a result, compliance requirements are divided into two sections: Compliance Determination Requirements and Compliance Monitoring Requirements.

Compliance Determination Requirements in Section D of the permit are those conditions that are

found more or less directly within state and federal rules and the violation of which serves as grounds for enforcement action. If these conditions are not sufficient to demonstrate continuous compliance, they will be supplemented with Compliance Monitoring Requirements, also Section D of the permit. Unlike Compliance Determination Requirements, failure to meet Compliance Monitoring conditions would serve as a trigger for corrective actions and not grounds for enforcement action. However, a violation in relation to a compliance monitoring condition will arise through a source's failure to take the appropriate corrective actions within a specific time period.

(a) The compliance monitoring requirements applicable to the loading rack are as specified below:

(1) For all gasoline distributed to Clark or Floyd Counties between May 1 and September 15 of each year, transfer documents must be prepared.

(2) Measure the daily gasoline and petroleum distillate flow rate to the loading rack and storage tanks.

(3) Calibrate the flow meters on the loading rack at least once per month. The instrument used for determining the flow shall comply with Section C - Pressure Gauge and Other Instrument Specifications, of this permit, shall be subject to approval by IDEM, OAQ.

(4) In the event that a flow meter failure has been observed, the affected compartments of the loading rack associated with that flow meter will be shut down immediately until the failed flow meter has been repaired or replaced. Operations may continue only if the event qualifies as an emergency and the Permittee satisfies the emergency provisions of this permit (Section B- Emergency Provisions). Within eight (8) business hours of the determination of failure, response steps according to the timetable described in the Compliance Response Plan shall be initiated. For any failure with corresponding response steps and timetable not described in the Compliance Response Plan, response steps shall be devised within eight (8) business hours of discovery of the failure and shall include a timetable for completion. Failure to take response steps in accordance with Section C - Compliance Response Plan - Preparation, Implementation, Records, and Reports, shall be considered a violation of this permit.

(b) The compliance monitoring requirements applicable to the carbon adsorber vapor recovery unit (VRU) are as specified below:

(1) Monitor the VRU control device parameters as follows:

(A) The VRU shall use an alarm system that indicates if:

(i) any of the process fluids (gasoline and glycol) are not at the proper levels,

(ii) there is not sufficient vacuum on the system, or

(iii) there is any interruption in the automatic cycle.

(B) In the event the VRU is not operating normally, the VRU shall shutdown and vapors produced at the loading rack shall be captured in Tank 76. The vertical travel of the Tank 76 variable vapor space roof shall be observed. If the vapor space is maintained below the full level, loading operation

vapors shall be captured. No excess emissions shall occur at the VRU at any time.

(2) Perform the daily inspections and maintenance on the VRU on days when the loading rack is in operation. These inspections shall include, but are not limited to checking the following:

(A) Carbon beds for cycling from atmospheric pressure to vacuum;

(B) Sight glass levels for the absorber and separator;

(C) Normal flow on the rotometer feeding the vacuum pump;

(D) Unit for leaks; and

(E) Panel warning lights.

(3) Perform inspections on the vapor lines from the loading rack and Tank 76 during the terminal inspection using sight, smell, and hearing to detect any leakage once per shift.

(4) Additional inspections and preventive measures shall be performed as prescribed in the Preventive Maintenance Plan.

(c) The compliance monitoring requirements applicable to the Storage Tanks 72, 73, 77 and 83 have applicable compliance monitoring conditions as specified below:

(1) Measure the daily gasoline flow rate to Storage Tanks 72, 73, 77 and 83.

(2) Calibrate the flow meters on the Storage Tanks 72, 73, 77 and 83 at least once per month. The instrument used for determining the flow shall comply with Section C - Pressure Gauge and Other Instrument Specifications, of this permit, shall be subject to approval by IDEM, OAQ.

(3) In the event that a flow meter failure has been observed, the affected compartments of the loading rack associated with that flow meter will be shut down immediately until the failed flow meter has been repaired or replaced. Operations may continue only if the event qualifies as an emergency and the Permittee satisfies the emergency provisions of this permit (Section B- Emergency Provisions). Within eight (8) business hours of the determination of failure, response steps according to the timetable described in the Compliance Response Plan shall be initiated. For any failure with corresponding response steps and timetable not described in the Compliance Response Plan, response steps shall be devised within eight (8) business hours of discovery of the failure and shall include a timetable for completion. Failure to take response steps in accordance with Section C - Compliance Response Plan - Preparation, Implementation, Records, and Reports, shall be considered a violation of this permit.

These monitoring conditions are necessary because the gasoline throughput limits to storage tanks 72, 73, 77 and 83, and the loading rack are necessary to render the requirements of NESHAP Subpart R and 326 IAC 2-2 not applicable and show compliance with 326 IAC 2-7 (Part 70).

Compliance Assurance Monitoring Requirements

For the two (2) bay truck loading rack, the source was required to submit a CAM plan pursuant to 40 CFR 64 since the potential to emit VOC is greater than one hundred (100) tons per year from a single emission unit before controls and that emission unit relies on a control device to comply with an applicable rule (326 IAC 8-6). The source submitted the CAM plan for this emission unit on May 5, 2003.

The CAM plan is justified since if any of the VRU process parameters are not within the system ranges the unit will automatically shut down. The frequency of the regeneration cycle ensures that the individual carbon bed is not overloaded with vapors. The vapor reservoir in the variable vapor space roof provides a back-up to the vapor recovery unit. The vertical travel of the variable vapor space roof indicates that vapors from the loading rack and tank operations are captured. The following CAM Plan was submitted and will be required:

(a) Monitoring Determination Method:

(1) Control Device Parameters:

(A) The VRU shall use an alarm system that indicates if any of the process fluids (gasoline and glycol) are not at the proper levels, if there is not sufficient vacuum on the system or if there is any interruption in the automatic cycle.

(B) In the event the VRU is not operating normally, the VRU shall shutdown and vapors produced at the loading rack shall be captured in Tank 76. The vertical travel of the Tank 76 variable vapor space roof shall be observed. If the vapor space is maintained below the full level, loading operation vapors shall be captured. No excess emissions shall occur at the VRU at any time.

(2) Inspections and Maintenances:

(A) Daily inspections and maintenance performed on the VRU include, but are not limited to the following:

(i) Carbon beds for cycling from atmospheric pressure to vacuum;

(ii) Sight glass levels for the absorber and separator;

(iii) Normal flow on the rotometer feeding the vacuum pump;

(iv) Unit for leaks; and

(v) Panel warning lights.

(B) The Permittee shall perform inspections on the vapor lines from the loading rack and Tank 76 during the terminal inspection using sight, smell, and hearing to detect any leakage once per shift.

(C) Additional inspections and preventive measures shall be performed as prescribed in the Preventive Maintenance Plan.

(b) Record Keeping Requirements:

The Permittee shall maintain the following record keeping onsite pursuant to 40 CFR 64:

(1) A log of instances when the alarm system for the VRU sounds and the corrective actions that are taken.

(2) A log of instances when the VRU is shutdown because it is not operating normally and what corrective actions are taken as a result of that shutdown.

(3) Records of daily inspections performed on the VRU on days when the loading rack is in operation.

(4) Records of once per shift inspections on the vapor lines.

Conclusion

The operation of this bulk storage and wholesale petroleum products distribution source shall be subject to the conditions of the attached proposed **Part 70 Permit No. T 057-16575-00008.**

Company Name: Countrymark Cooperative, Inc.
Address City IN Zip: 17710 Mule Barn Road, Westfield, Indiana 46074
Part 70: T 057-16575
Plt ID: 057-00008
Reviewer: Mark L. Kramer
Date: September 12, 2002

Loading Rack

Gasoline	Throughput kgal/hr		VOC Control		Less Than Limited Throughput kgal/yr
	46.200			95.0%	320000.000

SCC 4-06-001-36

AIRS	VOC
Emission Factors lbs/kgal	5.0
Percentage of Emissions	100.00%
Potential Emissions lbs/hr	231.000
Potential Emissions lbs/day	5544.00
Potential Emissions tons/yr	**1011.78**

Stack Tests show 99.32%
Previous Minimum 92%

Worst Case All Gasoline

After Controls 50.59

Less than
After Controls And Limit (tpy) 40.0

Loading Rack

Kerosene	Throughput kgal/hr		VOC Control	
	46.200			95.0%

SCC 4-06-001-39

AIRS	VOC
Emission Factors lbs/kgal	0.02
Percentage of Emissions	100.00%
Potential Emissions lbs/hr	0.924
Potential Emissions lbs/day	22.18
Potential Emissions tons/yr	4.05

After Controls 0.202

Loading Rack

Distillate Oil	Throughput kgal/hr		VOC Control	
	46.200			95.0%

SCC 4-06-001-40

AIRS	VOC
Emission Factors lbs/kgal	0.02
Percentage of Emissions	100.00%
Potential Emissions lbs/hr	0.924
Potential Emissions lbs/day	22.18
Potential Emissions tons/yr	4.05

After Controls 0.202

Storage Tank 69

	Standing Throughput kgal/hr	Working Throughput kgal/hr	VOC Control	
	84.400	0.750		0.0%

AP-42	VOC	VOC
Emission Factors lbs/kgal	0.000330	0.66000
Percentage of Emissions	100.00%	100.00%
Potential Emissions lbs/hr	0.028	0.495
Potential Emissions lbs/day	0.67	11.88
Potential Emissions tons/yr	0.122	2.168

Note: Maximum throughput of this additive tank is based on the existing percentage of maximum terminal throughput

Storage Tank 70

Standing Throughput kgal/hr	Working Throughput kgal/hr
414.300	0.040

VOC Control 0.0%

AP-42	VOC	VOC
Emission Factors lbs/kgal	0.00350	10.00000
Percentage of Emissions	100.00%	100.00%
Potential Emissions lbs/hr	1.450	0.400
Potential Emissions lbs/day	34.80	9.60
Potential Emissions tons/yr	6.351	1.752

Note: Maximum throughput of this pipeline interface tank is based on the existing percentage of maximum terminal throughput

Storage Tank 71

Standing Throughput kgal/hr	Working Throughput kgal/hr
620.300	44.100

VOC Control 0.0%

AP-42	VOC	VOC
Emission Factors lbs/kgal	0.00005	0.03000
Percentage of Emissions	100.00%	100.00%
Potential Emissions lbs/hr	0.031	1.323
Potential Emissions lbs/day	0.74	31.75
Potential Emissions tons/yr	0.136	5.795

Storage Tank 72

Limited Throughput (kgal) 104847.824998

Standing Throughput kgal/hr	Working Throughput kgal/hr
620.300	44.100

Standing VOC Control 100.0% Vented to Tank 76
Working VOC Control 4.0%

AP-42	VOC	VOC
Emission Factors lbs/kgal	0.00350	10.00000
Percentage of Emissions	0.00%	96.00%
Potential Emissions lbs/hr	0.000	423.360
Potential Emissions lbs/day	0.00	10160.64
Potential Emissions tons/yr	0.000	1854.317

Limited & Controlled (tons/year)
Standing 0.000
Working 503.27

Storage Tank 73

Limited Throughput (kgal) 104847.824998

Standing Throughput kgal/hr	Working Throughput kgal/hr
993.500	44.100

Standing VOC Control 100.0% Vented to Tank 76
Working VOC Control 4.0%

AP-42	VOC	VOC
Emission Factors lbs/kgal	0.00350	10.00000
Percentage of Emissions	0.00%	96.00%
Potential Emissions lbs/hr	0.000	423.360
Potential Emissions lbs/day	0.00	10160.64
Potential Emissions tons/yr	0.000	1854.317

Limited & Controlled (tons/year)
Standing 0.000
Working 503.27

Storage Tank 74

Standing Throughput kgal/hr	Working Throughput kgal/hr
993.500	44.100

VOC Control 0.0%

AP-42	VOC	VOC
Emission Factors lbs/kgal	0.00005	0.03000
Percentage of Emissions	100.00%	100.00%
Potential Emissions lbs/hr	0.050	1.323
Potential Emissions lbs/day	1.19	31.75
Potential Emissions tons/yr	0.218	5.795

Storage Tank 75

Standing Throughput kgal/hr	Working Throughput kgal/hr
993.500	44.100

VOC Control 0.0%

AP-42	VOC	VOC
Emission Factors lbs/kgal	0.00005	0.03000
Percentage of Emissions	100.00%	100.00%
Potential Emissions lbs/hr	0.04968	1.323
Potential Emissions lbs/day	1.1922	31.75
Potential Emissions tons/yr	0.218	5.795

Storage Tank 76

Standing Throughput kgal/hr	Working Throughput kgal/hr
0.000	44.100

VOC Control 95.0%

AP-42	VOC	VOC
Emission Factors lbs/kgal	0.00000	9.60000
Percentage of Emissions	100.00%	100.00%
Potential Emissions lbs/hr	0.00000	423.360
Potential Emissions lbs/day	0.0000	10160.64
Potential Emissions tons/yr	0.0000	1854.317

After Controls 92.716

Storage Tank 77

Standing Throughput kgal/hr	Working Throughput kgal/hr
0.000	44.100

VOC Control 0.0%

AP-42	VOC	VOC
Emission Factors lbs/kgal	0.00000	9.60000
Percentage of Emissions	100.00%	100.00%
Potential Emissions lbs/hr	0.00000	423.360
Potential Emissions lbs/day	0.0000	10160.64
Potential Emissions tons/yr	0.0000	1854.317

Limited Throughput (kgal)
104847.824998

Limited & Controlled (tons/year)

Standing	0.000
Working	503.27

Storage Tank 78

Standing Throughput kgal/hr	Working Throughput kgal/hr		
2235.400	44.1000	VOC Control	0.0%

AP-42	VOC	VOC
Emission Factors lbs/kgal	0.00005	0.03
Percentage of Emissions	100.00%	100.00%
Potential Emissions lbs/hr	0.11177	1.323
Potential Emissions lbs/day	2.6825	31.75
Potential Emissions tons/yr	0.4896	5.795

Storage Tank 79

Standing Throughput kgal/hr	Working Throughput kgal/hr		
2235.400	44.100	VOC Control	0.0%

AP-42	VOC	VOC
Emission Factors lbs/kgal	0.00005	0.03
Percentage of Emissions	100.00%	100.00%
Potential Emissions lbs/hr	0.11177	1.323
Potential Emissions lbs/day	2.6825	31.75
Potential Emissions tons/yr	0.4896	5.795

Storage Tank 80

Standing Throughput kgal/hr	Working Throughput kgal/hr		
2235.400	44.100	VOC Control	0.0%

AP-42	VOC	VOC
Emission Factors lbs/kgal	0.00005	0.03
Percentage of Emissions	100.00%	100.00%
Potential Emissions lbs/hr	0.11177	1.323
Potential Emissions lbs/day	2.6825	31.75
Potential Emissions tons/yr	0.4896	5.795

Storage Tank 81

Standing Throughput kgal/hr	Working Throughput kgal/hr		
2290.000	44.1000	VOC Control	0.0%

AP-42	VOC	VOC
Emission Factors lbs/kgal	0.00005	0.03
Percentage of Emissions	100.00%	100.00%
Potential Emissions lbs/hr	0.11450	1.323
Potential Emissions lbs/day	2.7480	31.75
Potential Emissions tons/yr	0.5015	5.795

Storage Tank 82

Standing Throughput kgal/hr	Working Throughput kgal/hr		
4045.300	44.100	VOC Control	0.0%

AP-42	VOC	VOC
Emission Factors lbs/kgal	0.00210	0.0019
Percentage of Emissions	100.00%	100.00%
Potential Emissions lbs/hr	8.49513	0.084
Potential Emissions lbs/day	203.8831	2.01
Potential Emissions tons/yr	37.2087	0.367

Storage Tank 83

Standing Throughput kgal/hr	Working Throughput kgal/hr			Limited Throughput kgal/yr
8.200	2.690	VOC Control	0.0%	7974.860

AP-42	VOC	VOC
Emission Factors lbs/kgal	0.00350	10.0
Percentage of Emissions	100.00%	100.00%
Potential Emissions lbs/hr	0.02870	26.900
Potential Emissions lbs/day	0.6888	645.60
Potential Emissions tons/yr	0.1257	117.822

Standing Throughput	Working Throughput
0.014	39.9

Total Less than 40 TPY

Note: Maximum throughput of this additive tank is based on the existing percentage of maximum throughput

Storage Tank S1

Standing Throughput kgal/hr	Working Throughput kgal/hr		
2.900	0.480	VOC Control	0.0%

AP-42	VOC	VOC
Emission Factors lbs/kgal	0.00350	10.0
Percentage of Emissions	100.00%	100.00%
Potential Emissions lbs/hr	0.01015	4.800
Potential Emissions lbs/day	0.2436	115.20
Potential Emissions tons/yr	0.0445	21.024

Note: Maximum throughput of this vehicle fueling tank is based on the pump rating

Storage Tank S2

Standing Throughput kgal/hr	Working Throughput kgal/hr		
2.900	0.960	VOC Control	0.0%

AP-42	VOC	VOC
Emission Factors lbs/kgal	0.00005	0.0
Percentage of Emissions	100.00%	100.00%
Potential Emissions lbs/hr	0.00015	0.029
Potential Emissions lbs/day	0.0035	0.69
Potential Emissions tons/yr	0.0006	0.126

Note: Maximum throughput of this vehicle fueling tank is based on the pump rating

Storage Tank S3

Standing Throughput kgal/hr	Working Throughput kgal/hr		
1.400	1.800	VOC Control	0.0%

AP-42	VOC	VOC
Emission Factors lbs/kgal	0.00005	0.03
Percentage of Emissions	100.00%	100.00%
Potential Emissions lbs/hr	0.00007	0.054
Potential Emissions lbs/day	0.0017	1.30
Potential Emissions tons/yr	0.0003	0.237

Note: Maximum throughput of this vehicle fueling tank is based on the pump rating

Maintenance Fuel Storage Tank

Standing Throughput kgal/hr	Working Throughput kgal/hr		
2.000	0.004	VOC Control	0.0%

AP-42	VOC	VOC
Emission Factors lbs/kgal	0.00005	0.03
Percentage of Emissions	100.00%	100.00%
Potential Emissions lbs/hr	0.00010	0.000
Potential Emissions lbs/day	0.0024	0.00
Potential Emissions tons/yr	0.0004	0.001

Note: Maximum throughput of this vehicle fueling tank is based on the pump rating

Office Fuel Storage Tank

Standing Throughput kgal/hr	Working Throughput kgal/hr		
3.000	0.015	VOC Control	0.0%

AP-42	VOC	VOC
Emission Factors lbs/kgal	0.00005	0.03
Percentage of Emissions	100.00%	100.00%
Potential Emissions lbs/hr	0.00015	0.000
Potential Emissions lbs/day	0.0036	0.01
Potential Emissions tons/yr	0.0007	0.002

Note: Maximum throughput of this fuel tank is based on max. burner rate

Cetane Tank

Standing Throughput kgal/hr	Working Throughput kgal/hr		
1.000	0.099	VOC Control	0.0%

AP-42	VOC	VOC
Emission Factors lbs/kgal	0.00005	0.03
Percentage of Emissions	100.00%	100.00%
Potential Emissions lbs/hr	0.00005	0.003
Potential Emissions lbs/day	0.0012	0.07
Potential Emissions tons/yr	0.0002	0.013

Note: Maximum throughput of this additive tank is based on existing percentage of maximum terminal throughput

Steamer Fuel

Standing Throughput kgal/hr	Working Throughput kgal/hr		
0.270	0.005	VOC Control	0.0%

AP-42	VOC	VOC
Emission Factors lbs/kgal	0.00005	0.03
Percentage of Emissions	100.00%	100.00%
Potential Emissions lbs/hr	0.00001	0.000
Potential Emissions lbs/day	0.0003	0.00
Potential Emissions tons/yr	0.0001	0.001

Note: Maximum throughput of this fuel tank is based on max. burner rate

Kerosene Use

Standing Throughput kgal/hr	Working Throughput kgal/hr		
0.300	0.146	VOC Control	0.0%

AP-42	VOC	VOC
Emission Factors lbs/kgal	0.00005	0.03
Percentage of Emissions	100.00%	100.00%
Potential Emissions lbs/hr	0.00002	0.004
Potential Emissions lbs/day	0.0004	0.11
Potential Emissions tons/yr	0.0001	0.019

Note: Maximum throughput of this tank is based on pump capacity

Sump Tank

Standing Throughput kgal/hr	Working Throughput kgal/hr		
1.000	0.0034	VOC Control	0.0%

AP-42	VOC	VOC
Emission Factors lbs/kgal	0.00350	10.00
Percentage of Emissions	100.00%	100.00%
Potential Emissions lbs/hr	0.00350	0.034
Potential Emissions lbs/day	0.0840	0.82
Potential Emissions tons/yr	0.0153	0.149

Note: Maximum throughput of this drain tank is based on existing percentage of maximum throughput

Recycle Oil

Standing Throughput kgal/hr	Working Throughput kgal/hr		
0.500	0.003	VOC Control	0.0%

AP-42	VOC	VOC
Emission Factors lbs/kgal	0.00005	0.03
Percentage of Emissions	100.00%	100.00%
Potential Emissions lbs/hr	0.00003	0.000
Potential Emissions lbs/day	0.0006	0.00
Potential Emissions tons/yr	0.0001	0.000394

Note: Maximum throughput of this tank is based on potential engine service bay capacity

Worst Case VOC = Worst Case Loading Rack plus all standing losses from tanks plus worst case working loss since only one (1) storage tank can be filled at a time.

Before Controls	VOC	After Controls	VOC	After Controls & Limits	VOC
Potential Emissions (TPY)	**2912.5**	**Potential Emissions (TPY)**	**1951.3**	**Potential Emissions (TPY)**	**589.6**

HAPs Emission Calculations (tons per year)

		Benzene	Ethyl Benzene	Hexane	Toluene	Xylenes	2,2,4, Tri-methylpentane	Naphthalene	Total HAPs
Fraction of VOC Emissions		0.00403	0.00194	0.0079	0.01167	0.01127	0.00333	0.00056	
Process	**Loading Rack**	**4.08**	**1.96**	**7.99**	**11.81**	**11.40**	**3.37**	**0.57**	**41.18**
Working Only	Tank 69	0.009	0.004	0.017	0.025	0.024	0.007	0.001	0.09
	Tank 70	0.007	0.003	0.014	0.020	0.020	0.006	0.001	0.07
	Tank 71	0.023	0.011	0.046	0.068	0.065	0.019	0.003	0.24
	Tank 72	7.473	3.597	14.649	21.640	20.898	6.175	1.038	75.47
	Tank 73	7.473	3.597	14.649	21.640	20.898	6.175	1.038	75.47
	Tank 74	0.023	0.011	0.046	0.068	0.065	0.019	0.003	0.24
	Tank 75	0.023	0.011	0.046	0.068	0.065	0.019	0.003	0.24
	Tank 76	7.473	3.597	14.649	21.640	20.898	6.175	1.038	75.47
	Tank 77	7.473	3.597	14.649	21.640	20.898	6.175	1.038	75.47
	Tank 78	0.023	0.011	0.046	0.068	0.065	0.019	0.003	0.24
	Tank 79	0.023	0.011	0.046	0.068	0.065	0.019	0.003	0.24
	Tank 80	0.023	0.011	0.046	0.068	0.065	0.019	0.003	0.24
	Tank 81	0.023	0.011	0.046	0.068	0.065	0.019	0.003	0.24
	Tank 82	0.001	0.001	0.003	0.004	0.004	0.001	0.000	0.01
	Tank 83	0.475	0.229	0.931	1.375	1.328	0.392	0.066	4.80
	Tank S1	0.085	0.041	0.166	0.245	0.237	0.070	0.012	0.86
	Tank S2	0.001	0.000	0.001	0.001	0.001	0.000	0.000	0.01
	Tank S3	0.001	0.000	0.002	0.003	0.003	0.001	0.000	0.01
	Maintenance	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.00
	Office Fuel	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.00
	Cetane Tank	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.00
	Steamer Tank	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.00
	Kerosene	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.00
	Sump	0.001	0.000	0.001	0.002	0.002	0.000	0.000	0.01
	Recycled Oil	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.00
	Worst Case	**7.47**	**3.60**	**14.65**	**21.64**	**20.90**	**6.17**	**1.04**	**75.47**
Standing Only	Tank 69	0.00049	0.00024	0.00096	0.00142	0.00137	0.00041	0.00007	0.005
	Tank 70	0.02560	0.01232	0.05017	0.07412	0.07158	0.02115	0.00356	0.258
	Tank 71	0.00055	0.00026	0.00107	0.00159	0.00153	0.00045	0.00008	0.006
	Tank 72	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.000
	Tank 73	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.000
	Tank 74	0.00088	0.00042	0.00172	0.00254	0.00245	0.00072	0.00012	0.009
	Tank 75	0.00088	0.00042	0.00172	0.00254	0.00245	0.00072	0.00012	0.009
	Tank 76	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.000
	Tank 77	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.000
	Tank 78	0.00197	0.00095	0.00387	0.00571	0.00552	0.00163	0.00027	0.020
	Tank 79	0.00197	0.00095	0.00387	0.00571	0.00552	0.00163	0.00027	0.020
	Tank 80	0.00197	0.00095	0.00387	0.00571	0.00552	0.00163	0.00027	0.020
	Tank 81	0.00202	0.00097	0.00396	0.00585	0.00565	0.00167	0.00028	0.020
	Tank 82	0.14995	0.07218	0.29395	0.43423	0.41934	0.12390	0.02084	1.514
	Tank 83	0.00051	0.00024	0.00099	0.00147	0.00142	0.00042	0.00007	0.005
	Tank S1	0.00018	0.00009	0.00035	0.00052	0.00050	0.00015	0.00002	0.002
	Tank S2	0.00000	0.00000	0.00001	0.00001	0.00001	0.00000	0.00000	0.000
	Tank S3	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.000
	Maintenance	0.00000	0.00000	0.00000	0.00001	0.00000	0.00000	0.00000	0.000
	Office Fuel	0.00000	0.00000	0.00001	0.00001	0.00001	0.00000	0.00000	0.000
	Cetane Tank	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.000
	Steamer Tank	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.000
	Kerosene	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.000
	Sump	0.00006	0.00003	0.00012	0.00018	0.00017	0.00005	0.00001	0.001
	Recycled Oil	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.000
	Total Standing Loss	**0.187**	**0.090**	**0.367**	**0.542**	**0.523**	**0.155**	**0.026**	**1.889**
	Worst Case HAPs	**11.74**	**5.65**	**23.01**	**33.99**	**32.82**	**9.70**	**1.63**	**118.5**

HAPs After Controls: Only Loading Rack and Tank 76 are controlled.

HAPs Emission Calculations After Controls (tons per year)

		Benzene	Ethyl Benzene	Hexane	Toluene	Xylenes	2,2,4, Tri-methylpentane	Naphthalene	Total HAPs
Fraction of VOC Emissions		0.00403	0.00194	0.0079	0.01167	0.01127	0.00333	0.00056	
Worst Case Process	**Loading Rack**	**0.204**	**0.098**	**0.400**	**0.590**	**0.570**	**0.168**	**0.028**	**2.06**
Working Only	Tank 69	0.009	0.004	0.017	0.025	0.024	0.007	0.001	0.088
	Tank 70	0.007	0.003	0.014	0.020	0.020	0.006	0.001	0.071
	Tank 71	0.023	0.011	0.046	0.068	0.065	0.019	0.003	0.236
	Tank 72	7.473	3.597	14.649	21.640	20.898	6.175	1.038	75.471
	Tank 73	7.473	3.597	14.649	21.640	20.898	6.175	1.038	75.471
	Tank 74	0.023	0.011	0.046	0.068	0.065	0.019	0.003	0.236
	Tank 75	0.023	0.011	0.046	0.068	0.065	0.019	0.003	0.236
	Tank 76	0.374	0.180	0.732	1.082	1.045	0.309	0.052	3.774
	Tank 77	7.473	3.597	14.649	21.640	20.898	6.175	1.038	75.471
	Tank 78	0.023	0.011	0.046	0.068	0.065	0.019	0.003	0.236
	Tank 79	0.023	0.011	0.046	0.068	0.065	0.019	0.003	0.236
	Tank 80	0.023	0.011	0.046	0.068	0.065	0.019	0.003	0.236
	Tank 81	0.023	0.011	0.046	0.068	0.065	0.019	0.003	0.236
	Tank 82	0.001	0.001	0.003	0.004	0.004	0.001	0.000	0.015
	Tank 83	0.475	0.229	0.931	1.375	1.328	0.392	0.066	4.795
	Tank S1	0.085	0.041	0.166	0.245	0.237	0.070	0.012	0.856
	Tank S2	0.001	0.000	0.001	0.001	0.001	0.000	0.000	0.005
	Tank S3	0.001	0.000	0.002	0.003	0.003	0.001	0.000	0.010
	Maintenance	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	Office Fuel	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	Cetane Tank	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001
	Steamer Tank	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	Kerosene	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001
	Sump	0.001	0.000	0.001	0.002	0.002	0.000	0.000	0.006
	Recycled Oil	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Controlled Only	**Worst Case**	**7.47**	**3.60**	**14.65**	**21.64**	**20.90**	**6.17**	**1.04**	**75.47**
Control & Limited:	**Loading Rack**	0.161	0.078	0.316	0.467	0.451	0.133	0.022	**1.628**
Limited: Working	**Tank 83**	0.16069	0.07736	0.31501	0.46533	0.44938	0.13278	0.02233	**1.623**
Limited: Working	**Tanks 72, 73 or 77**	**2.02818**	**0.97634**	**3.97583**	**5.87316**	**5.67185**	**1.67589**	**0.28183**	**20.483**
	(Worst Case Control and Limited)								
Standing Only	Tank 69	0.00049	0.00024	0.00096	0.00142	0.00137	0.00041	0.00007	0.005
	Tank 70	0.02560	0.01232	0.05017	0.07412	0.07158	0.02115	0.00356	0.258
	Tank 71	0.00055	0.00026	0.00107	0.00159	0.00153	0.00045	0.00008	0.006
	Tank 72	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.000
	Tank 73	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.000
	Tank 74	0.00088	0.00042	0.00172	0.00254	0.00245	0.00072	0.00012	0.009
	Tank 75	0.00088	0.00042	0.00172	0.00254	0.00245	0.00072	0.00012	0.009
	Tank 76	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.000
	Tank 77	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.000
	Tank 78	0.00197	0.00095	0.00387	0.00571	0.00552	0.00163	0.00027	0.020
	Tank 79	0.00197	0.00095	0.00387	0.00571	0.00552	0.00163	0.00027	0.020
	Tank 80	0.00197	0.00095	0.00387	0.00571	0.00552	0.00163	0.00027	0.020
	Tank 81	0.00202	0.00097	0.00396	0.00585	0.00565	0.00167	0.00028	0.020
	Tank 82	0.14995	0.07218	0.29395	0.43423	0.41934	0.12390	0.02084	1.514
	Tank 83	0.00051	0.00024	0.00099	0.00147	0.00142	0.00042	0.00007	0.005
	Tank S1	0.00018	0.00009	0.00035	0.00052	0.00050	0.00015	0.00002	0.002
	Tank S2	0.00000	0.00000	0.00001	0.00001	0.00001	0.00000	0.00000	0.000
	Tank S3	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.000
	Maintenance	0.00000	0.00000	0.00000	0.00001	0.00000	0.00000	0.00000	0.000
	Office Fuel	0.00000	0.00000	0.00001	0.00001	0.00001	0.00000	0.00000	0.000
	Cetane Tank	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.000
	Steamer Tank	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.000
	Kerosene	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.000
	Sump	0.00006	0.00003	0.00012	0.00018	0.00017	0.00005	0.00001	0.001
	Recycled Oil	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.000
Controlled Only	**Total Standing Loss**	**0.187**	**0.090**	**0.367**	**0.542**	**0.523**	**0.155**	**0.026**	**1.889**
Controlled Only	**Worst Case HAPs**	**2.42**	**1.16**	**4.74**	**7.01**	**6.77**	**2.00**	**0.34**	**24.4**
Limited: Standing	**Tank 83**	0.00006	0.00003	0.00011	0.00016	0.00016	0.00005	0.00001	0.001
Limited: Standing	**Tanks 72, 73 or 77**	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	**0.000**
Total Limited and Control Standing Loss		**0.03714**	**0.01788**	**0.07281**	**0.10755**	**0.10387**	**0.03069**	**0.00516**	**0.375**

Throughput Limit to be less than Major Source HAPs levels of 10 TPY for a single HAP and 25 TPY for a combination of all HAPs

24.0 TPY - Loading Rack after controls & limit minus the sum of the Standing Losses = Limit Worst Case Working Loss Single Tank Total HAPs

24 TPY - 1.63 - 1.89 = 20.48 TPY (Tanks 72, 73 & 77) or 20.48/75.47 *throughput
or 104847825 Gallons per year of Gasoline Total for Tanks 72, 73 and 77 Throughput = 44,100 gallons/hour

Limited HAPs Emission Calculations After Controls (tons per year)

		Benzene	Ethyl Benzene	Hexane	Toluene	Xylenes	2,2,4, Tri-methylpentane	Naphthalene	Total HAPs
Fraction of VOC Emissions		0.00403	0.00194	0.0079	0.01167	0.01127	0.00333	0.00056	
Worst Case Process	**Loading Rack**	**0.1612**	**0.0776**	**0.316**	**0.4668**	**0.4508**	**0.1332**	**0.0224**	**1.628**
Working Only	Tank 69	0.008737	0.004206	0.01712799	0.0253017	0.024434	0.007219773	0.001214136	0.088
	Tank 70	0.007061	0.003399	0.0138408	0.0204458	0.019745	0.00583416	0.00098112	0.071
	Tank 71	0.023353	0.011242	0.045778446	0.0676246	0.065307	0.0192964842	0.0032450544	0.236
	Tank 72	2.028176	0.976343	3.975829524	5.8731558	5.671848	1.6758876348	0.281830953595	20.483
	Tank 73	2.028176	0.976343	3.975829524	5.8731558	5.671848	1.6758876348	0.281830953595	20.483
	Tank 74	0.023353	0.011242	0.045778446	0.0676246	0.065307	0.0192964842	0.0032450544	0.236
	Tank 75	0.023353	0.011242	0.045778446	0.0676246	0.065307	0.0192964842	0.0032450544	0.236
	Tank 76	0.373645	0.179869	0.732455136	1.0819939	1.044908	0.3087437472	0.0519208704	3.774
	Tank 77	2.028176	0.976343	3.975829524	5.8731558	5.671848	1.6758876348	0.281830953595	20.483
	Tank 78	0.023353	0.011242	0.045778446	0.0676246	0.065307	0.0192964842	0.0032450544	0.236
	Tank 79	0.023353	0.011242	0.045778446	0.0676246	0.065307	0.0192964842	0.0032450544	0.236
	Tank 80	0.023353	0.011242	0.045778446	0.0676246	0.065307	0.0192964842	0.0032450544	0.236
	Tank 81	0.023353	0.011242	0.045778446	0.0676246	0.065307	0.0192964842	0.0032450544	0.236
	Tank 82	0.001479	0.000712	0.002899302	0.0042829	0.004136	0.0012221107	0.000205520112	0.015
	Tank 83	0.160693	0.077356	0.31500697	0.4653331	0.449383	0.132781419	0.022329608	1.623
	Tank S1	0.084727	0.040787	0.1660896	0.2453501	0.23694	0.07000992	0.01177344	0.856
	Tank S2	0.000508	0.000245	0.000996538	0.0014721	0.001422	0.0004200595	0.00007064064	0.005
	Tank S3	0.000953	0.000459	0.001868508	0.0027602	0.002666	0.0007876116	0.0001324512	0.010
	Maintenance	2.2E-06	1.1E-06	4.3599E-06	6.44E-06	6.2E-06	1.83776E-06	3.0905280E-07	0.000
	Office Fuel	7.9E-06	3.8E-06	0.000015571	0.000023	0.000022	6.56343E-06	1.1037600E-06	0.000
	Cetane Tank	0.000052	0.000025	0.000102768	0.0001518	0.000147	0.0000433186	7.2848160E-06	0.001
	Steamer Tank	2.4E-06	1.1E-06	4.6713E-06	6.90E-06	6.7E-06	1.96903E-06	3.3112800E-07	0.000
	Kerosene	0.000077	0.000037	0.000151557	0.0002239	0.000216	0.0000638841	0.000010743264	0.001
	Sump	0.0006	0.000289	0.001176468	0.0017379	0.001678	0.0004959036	0.0000833952	0.006
	Recycled Oil	1.6E-06	7.6E-07	3.1142E-06	4.60E-06	4.4E-06	1.31269E-06	2.2075200E-07	0.000
Limited and Controlled	**Worst Case**	**2.028176**	**0.976343**	**3.975829524**	**5.8731558**	**5.671848**	**1.6758876348**	**0.281830953595**	**20.483**
Standing Only	Tank 69	0.000492	0.000237	0.000963735	0.0014236	0.001375	0.0004062326	0.000068315386	0.005
	Tank 70	0.025595	0.012321	0.05017463	0.0741187	0.071578	0.0211495593	0.00355668264	0.258
	Tank 71	0.000547	0.000264	0.001073181	0.0015853	0.001531	0.0004523662	0.000076073592	0.006
	Tank 72	0	0	0	0	0	0	0	0.000
	Tank 73	0	0	0	0	0	0	0	0.000
	Tank 74	0.000877	0.000422	0.001718854	0.0025391	0.002452	0.0007245297	0.00012184284	0.009
	Tank 75	0.000877	0.000422	0.001718854	0.0025391	0.002452	0.0007245297	0.00012184284	0.009
	Tank 76	0	0	0	0	0	0	0	0.000
	Tank 77	0	0	0	0	0	0	0	0.000
	Tank 78	0.001973	0.00095	0.003867466	0.0057131	0.005517	0.0016302102	0.000274149456	0.020
	Tank 79	0.001973	0.00095	0.003867466	0.0057131	0.005517	0.0016302102	0.000274149456	0.020
	Tank 80	0.001973	0.00095	0.003867466	0.0057131	0.005517	0.0016302102	0.000274149456	0.020
	Tank 81	0.002021	0.000973	0.003961929	0.0058526	0.005652	0.0016700283	0.0002808456	0.020
	Tank 82	0.149951	0.072185	0.293948488	0.4342252	0.419342	0.1239048691	0.020836854864	1.514
	Tank 83	0.000056	0.000027	0.000110252	0.0001629	0.000157	0.0000464735	7.8153628E-06	0.001
	Tank S1	0.000179	0.000086	0.00035121	0.0005188	0.000501	0.0001480418	0.00002489592	0.002
	Tank S2	2.6E-06	1.2E-06	5.0173E-06	7.41E-06	7.2E-06	2.11488E-06	3.5565600E-07	0.000
	Tank S3	1.2E-06	5.9E-07	2.4221E-06	3.58E-06	3.5E-06	1.02098E-06	1.7169600E-07	0.000
	Maintenance	1.8E-06	8.5E-07	3.4602E-06	5.11E-06	4.9E-06	1.45854E-06	2.4528000E-07	0.000
	Office Fuel	2.6E-06	1.3E-06	5.1903E-06	7.67E-06	7.4E-06	2.18781E-06	3.6792000E-07	0.000
	Cetane Tank	8.8E-07	4.2E-07	1.7301E-06	2.56E-06	2.5E-06	7.29270E-07	1.2264000E-07	0.000
	Steamer Tank	2.4E-07	1.1E-07	4.6713E-07	6.90E-07	6.7E-07	1.96903E-07	3.3112800E-08	0.000
	Kerosene	2.6E-07	1.3E-07	5.1903E-07	7.67E-07	7.4E-07	2.18781E-07	3.6792000E-08	0.000
	Sump	0.000062	0.00003	0.000121107	0.0001789	0.000173	0.0000510489	8.5848000E-06	0.001
	Recycled Oil	4.4E-07	2.1E-07	8.6505E-07	1.28E-06	1.2E-06	3.64635E-07	6.1320000E-08	0.000
Limited and Controlled	Total Standing Loss	0.186586	0.089821	0.36576431	0.5403126	0.521793	0.1541766014	0.025927596629	1.884
Limited and Controlled	**Worst Case HAPs**	**2.375962**	**1.143764**	**4.657593834**	**6.8802684**	**6.644441**	**1.9632642362**	**0.330158550224**	**24.00**